

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083255.D
 Acq On : 25 Nov 2015 00:07
 Operator : UM/IZ
 Sample : G4518-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Quant Time: Nov 25 02:23:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	168823	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	658454	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	324784	20.00	ng	-0.06
63) Phenanthrene-d10	11.12	188	625114	20.00	ng	-0.06
75) Chrysene-d12	13.75	240	475175	20.00	ng	-0.06
86) Perylene-d12	15.11	264	403577	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1373097	122.96	ng	-0.06
7) Phenol-d6	6.28	99	1758162	121.69	ng	-0.06
23) Nitrobenzene-d5	7.19	82	1308514	90.81	ng	-0.05
41) 2,4,6-Tribromophenol	10.44	330	467929	140.83	ng	-0.05
44) 2-Fluorobiphenyl	8.98	172	1925054	82.65	ng	-0.05
78) Terphenyl-d14	12.71	244	1941168	96.20	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.19	88	174649	31.57	ng	94
3) Pyridine	2.83	79	446326	30.55	ng	93
4) n-Nitrosodimethylamine	2.74	42	288314	42.79	ng	92
6) Aniline	6.28	93	346823	19.64	ng	# 47
8) 2-Chlorophenol	6.41	128	482226	39.97	ng	85
9) Benzaldehyde	6.16	77	220500	27.86	ng	95
10) Phenol	6.30	94	690892	39.53	ng	80
11) bis(2-Chloroethyl)ether	6.35	93	590227	47.29	ng	92
12) 1,3-Dichlorobenzene	6.55	146	525267	38.13	ng	97
13) 1,4-Dichlorobenzene	6.63	146	551349	39.57	ng	97
14) 1,2-Dichlorobenzene	6.79	146	490882	38.76	ng	95
15) Benzyl Alcohol	6.78	79	519041	42.99	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	988360	50.78	ng	88
17) 2-Methylphenol	6.90	107	437910	43.87	ng	96
18) Hexachloroethane	7.12	117	187159	38.13	ng	# 79
19) n-Nitroso-di-n-propylamine	7.04	70	438707	43.63	ng	98
20) 3+4-Methylphenols	7.06	107	582303	46.14	ng	97
22) Acetophenone	7.03	105	775074	41.00	ng	# 96
24) Nitrobenzene	7.20	77	589100	38.26	ng	96
25) Isophorone	7.45	82	1193136	43.73	ng	98
26) 2-Nitrophenol	7.52	139	252835	37.20	ng	# 84
27) 2,4-Dimethylphenol	7.59	122	471643	43.48	ng	91
28) bis(2-Chloroethoxy)methane	7.67	93	724226	45.65	ng	99
29) 2,4-Dichlorophenol	7.77	162	435501	42.21	ng	94
30) 1,2,4-Trichlorobenzene	7.85	180	444208	39.19	ng	99
31) Naphthalene	7.92	128	1866954	52.54	ng	98
32) Benzoic acid	7.74	122	281064	33.33	ng	99
33) 4-Chloroaniline	7.99	127	166607	12.08	ng	# 89
34) Hexachlorobutadiene	8.04	225	254226	37.96	ng	99
35) Caprolactam	8.41	113	35977	10.88	ng	94
36) 4-Chloro-3-methylphenol	8.49	107	514747	43.07	ng	91
37) 2-Methylnaphthalene	8.62	142	1033896	44.83	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	425154	40.39	ng	98
40) Hexachlorocyclopentadiene	8.78	237	428306	71.56	ng	98

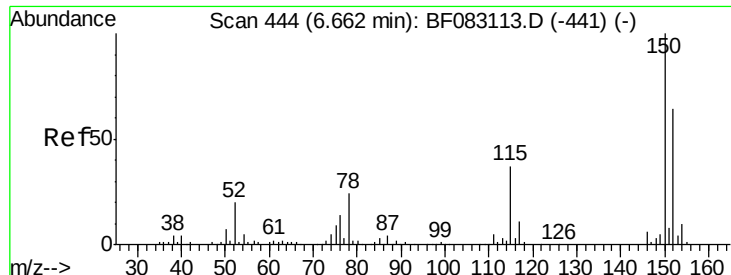
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083255.D
 Acq On : 25 Nov 2015 00:07
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 BNA_F
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Quant Time: Nov 25 02:23:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	311117	41.27	ng	99
43) 2,4,5-Trichlorophenol	8.95	196	336436	43.64	ng #	86
45) 1,1'-Biphenyl	9.08	154	1200266	43.42	ng	100
46) 2-Chloronaphthalene	9.10	162	912202	42.01	ng	93
47) 2-Nitroaniline	9.21	65	390487	50.84	ng #	79
48) Acenaphthylene	9.51	152	1467477	43.61	ng	99
49) Dimethylphthalate	9.39	163	1098653	43.94	ng	99
50) 2,6-Dinitrotoluene	9.45	165	265762	47.37	ng #	82
51) Acenaphthene	9.68	154	868506	42.41	ng	99
52) 3-Nitroaniline	9.62	138	113702	19.01	ng	92
53) 2,4-Dinitrophenol	9.72	184	243923	75.46	ng	93
54) Dibenzofuran	9.86	168	1356072	46.83	ng	95
55) 4-Nitrophenol	9.82	139	356753	77.78	ng #	77
56) 2,4-Dinitrotoluene	9.85	165	319410	44.93	ng	95
57) Fluorene	10.19	166	1009979	42.21	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	287454	45.46	ng	95
59) Diethylphthalate	10.09	149	1100940	44.23	ng	98
60) 4-Chlorophenyl-phenylether	10.19	204	485612	44.31	ng	93
61) 4-Nitroaniline	10.24	138	258534	43.90	ng	97
62) Azobenzene	10.35	77	1431052	50.37	ng	98
64) 4,6-Dinitro-2-methylphenol	10.26	198	181364	42.11	ng	88
65) n-Nitrosodiphenylamine	10.32	169	970235	45.63	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	299934	43.24	ng #	89
67) Hexachlorobenzene	10.74	284	338907	44.37	ng	99
68) Atrazine	10.86	200	327482	53.04	ng	96
69) Pentachlorophenol	10.95	266	383188	77.01	ng	97
70) Phenanthrene	11.15	178	1689916	46.92	ng	99
71) Anthracene	11.20	178	1548811	42.15	ng	100
72) Carbazole	11.36	167	1409978	43.17	ng	98
73) Di-n-butylphthalate	11.70	149	1695815	42.54	ng	100
74) Fluoranthene	12.33	202	1612635	43.75	ng	99
76) Benzidine	12.47	184	757042	60.79	ng	99
77) Pyrene	12.56	202	1737752	53.53	ng	99
79) Butylbenzylphthalate	13.19	149	704023	45.82	ng #	84
80) Benzo(a)anthracene	13.74	228	1422075	48.39	ng	98
81) 3,3'-Dichlorobenzidine	13.71	252	226685	22.16	ng #	98
82) Chrysene	13.78	228	1265436	46.43	ng	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	956944	47.69	ng #	96
84) Di-n-octyl phthalate	14.37	149	1388070	40.18	ng #	94
85) Indeno(1,2,3-cd)pyrene	16.35	276	1126372	45.44	ng	96
87) Benzo(b)fluoranthene	14.74	252	2075668	75.27	ng #	97
88) Benzo(k)fluoranthene	14.74	252	2075668	101.03	ng	99
89) Benzo(a)pyrene	15.05	252	972947	42.74	ng #	95
90) Dibenzo(a,h)anthracene	16.37	278	950296	45.95	ng	98
91) Benzo(g,h,i)perylene	16.72	276	955924	47.35	ng #	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

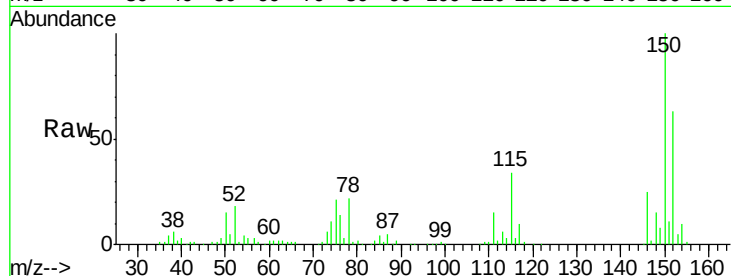


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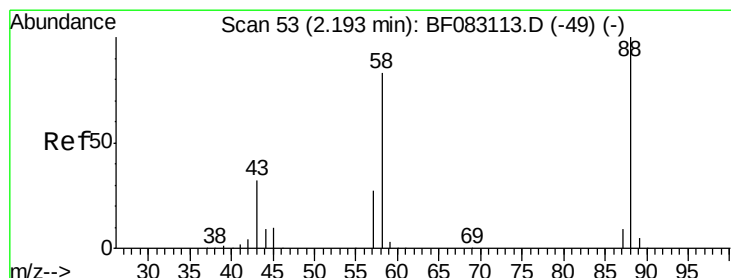
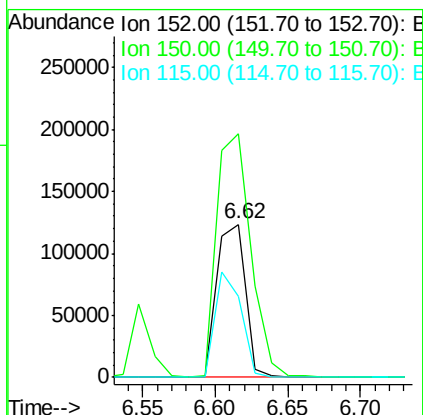
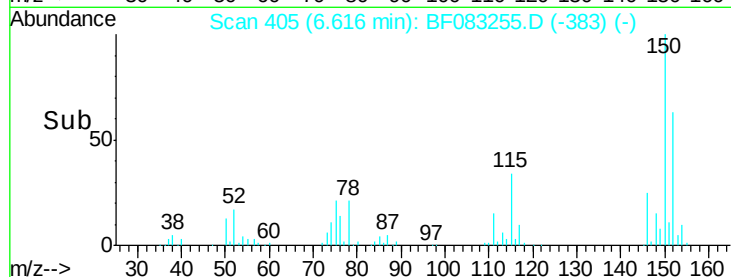
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 405
Delta R.T. -0.05 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

Tgt Ion:152 Resp: 168823
Ion Ratio Lower Upper
152 100
150 159.0 125.8 188.8
115 53.3 46.9 70.3



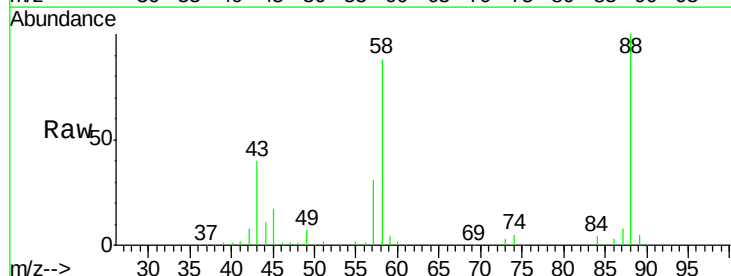
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



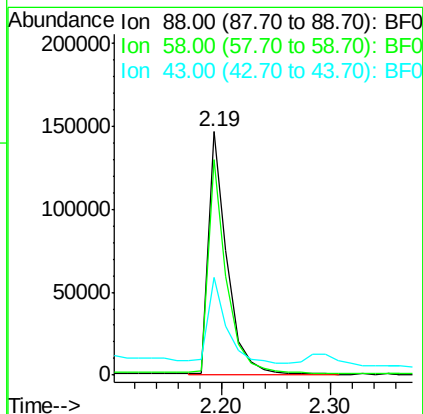
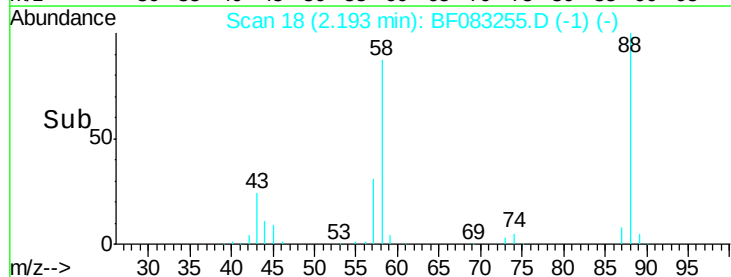
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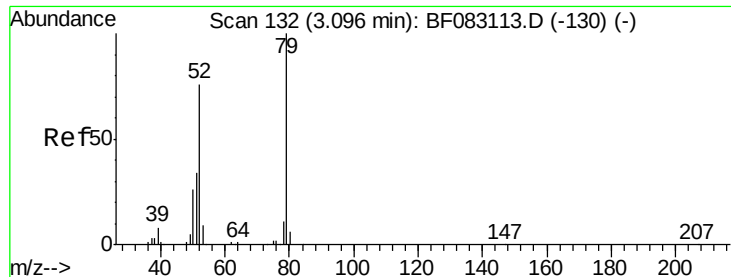
1,4-Dioxane
Concen: 31.57 ng
RT: 2.19 min Scan# 18
Delta R.T. 0.00 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

Tgt Ion: 88 Resp: 174649
Ion Ratio Lower Upper
88 100
58 86.5 65.0 97.6
43 35.4 24.7 37.1



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.55 ng

RT: 2.83 min Scan# 74

Delta R.T. -0.26 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

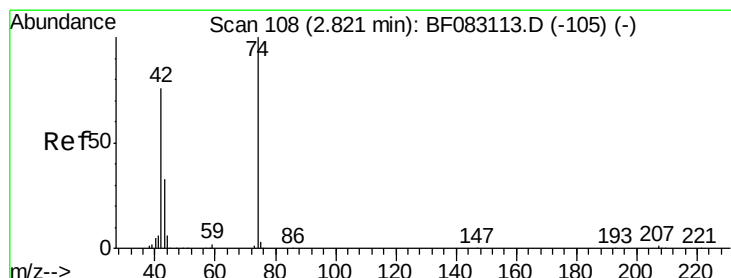
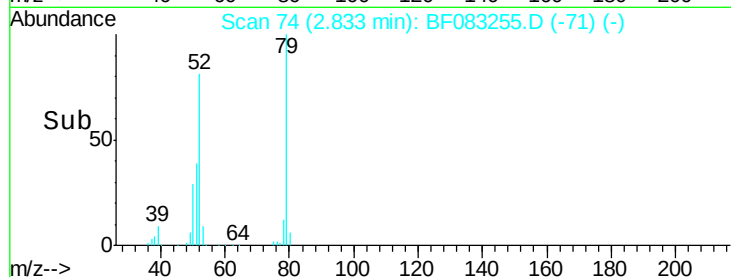
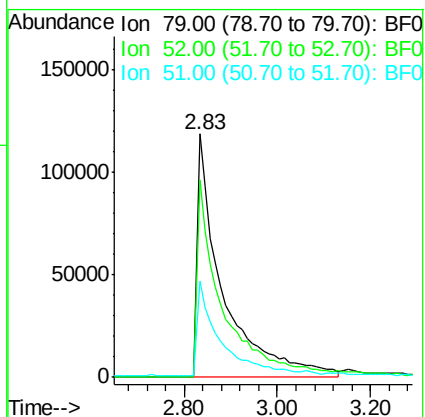
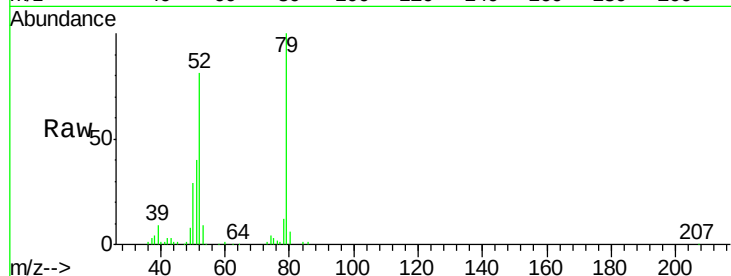
Tgt Ion: 79 Resp: 446326

Ion Ratio Lower Upper

79 100

52 81.0 60.7 91.1

51 39.6 27.9 41.9



#4

n-Nitrosodimethylamine

Concen: 42.79 ng

RT: 2.74 min Scan# 66

Delta R.T. -0.08 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

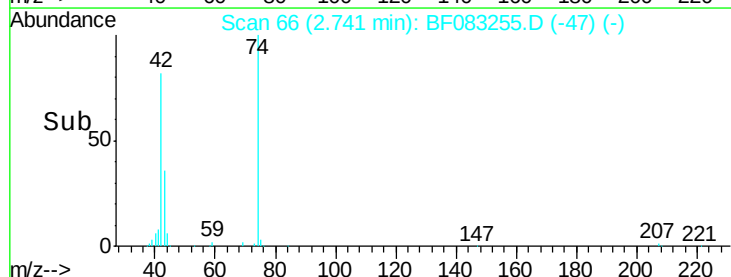
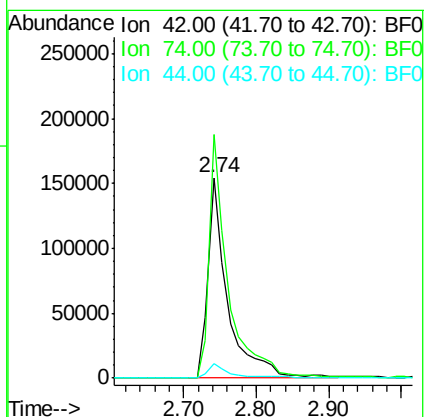
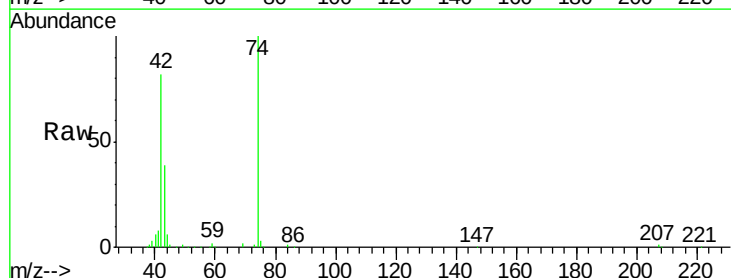
Tgt Ion: 42 Resp: 288314

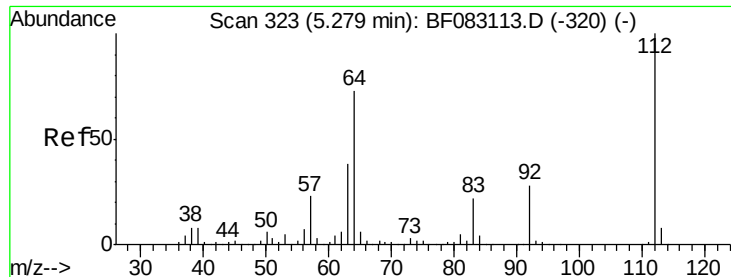
Ion Ratio Lower Upper

42 100

74 121.3 104.8 157.2

44 7.3 6.2 9.4





#5

2-Fluorophenol

Concen: 122.96 ng

RT: 5.22 min Scan# 283

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

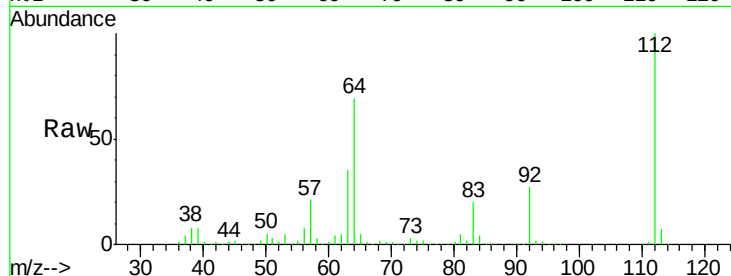
Tgt Ion: 112 Resp: 1373097

Ion Ratio Lower Upper

112 100

64 69.0 58.4 87.6

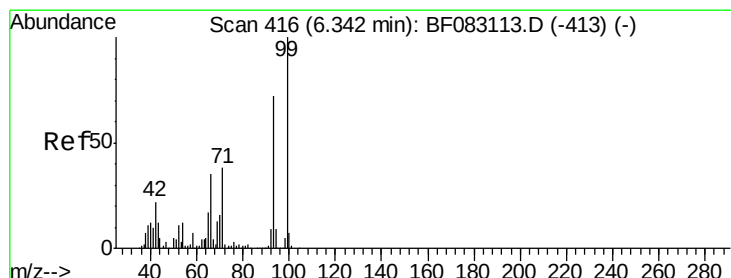
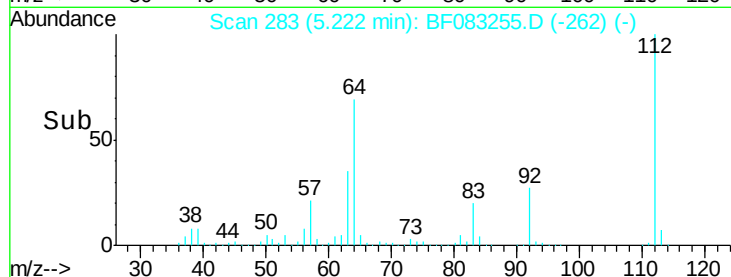
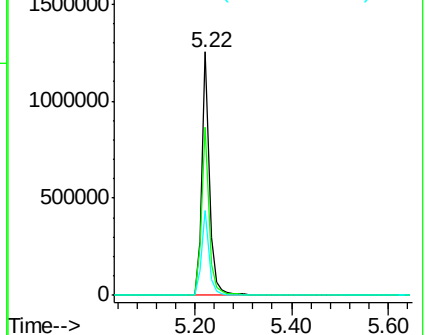
63 34.7 30.0 45.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.64 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

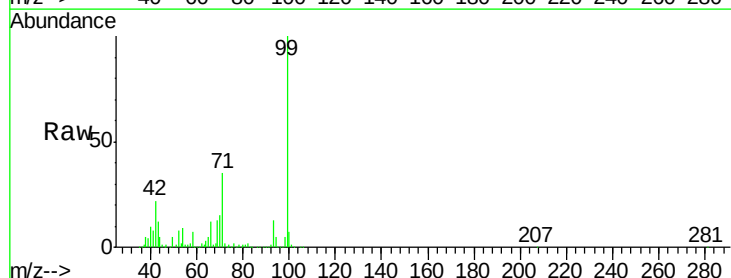
Tgt Ion: 93 Resp: 346823

Ion Ratio Lower Upper

93 100

66 92.1 38.7 58.1#

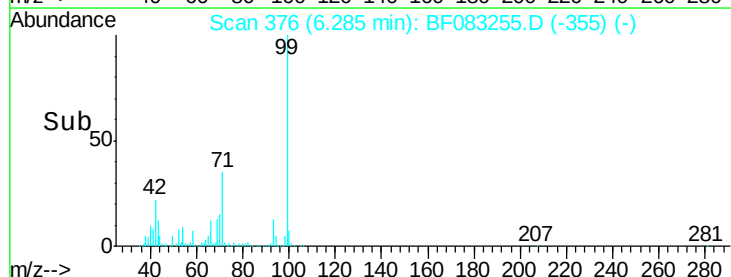
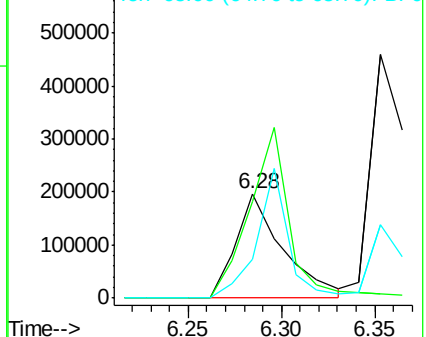
65 37.9 18.6 27.8#

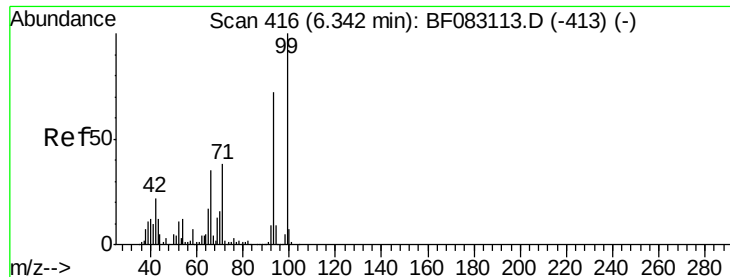


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.69 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

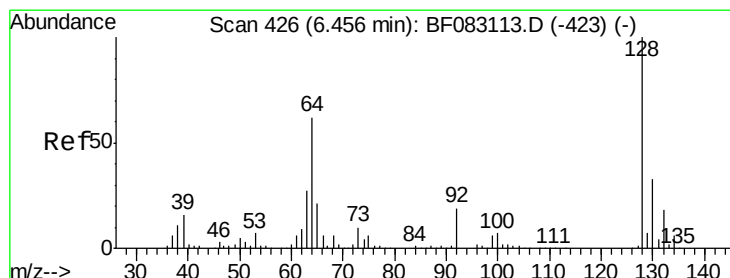
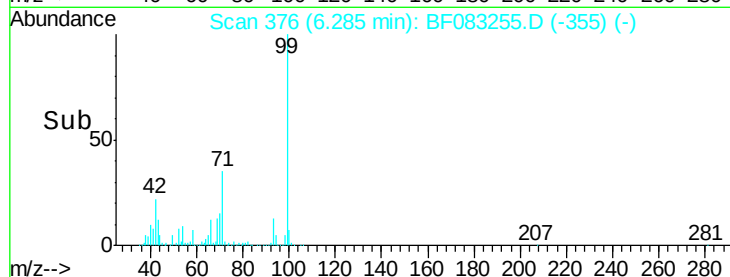
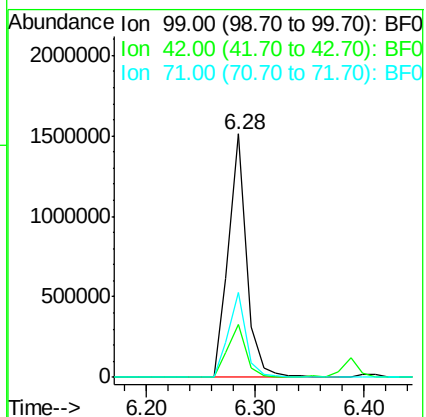
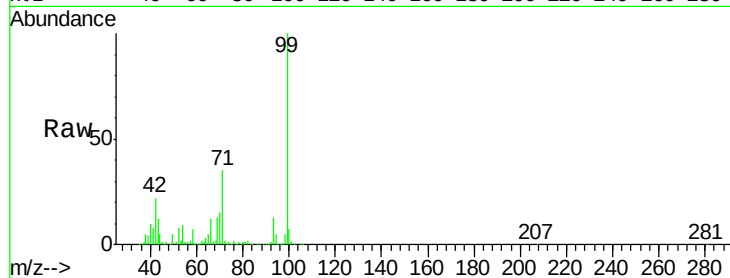
Tgt Ion: 99 Resp: 1758162

Ion Ratio Lower Upper

99 100

42 21.8 17.7 26.5

71 34.7 30.2 45.4



#8

2-Chlorophenol

Concen: 39.97 ng

RT: 6.41 min Scan# 387

Delta R.T. -0.05 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

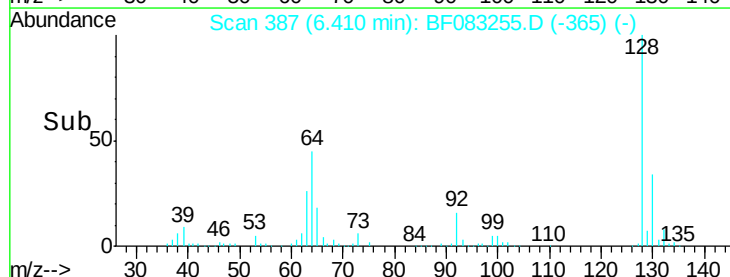
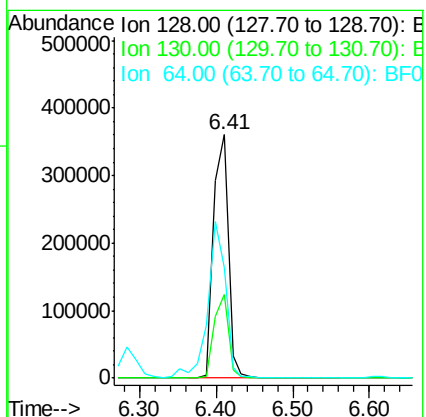
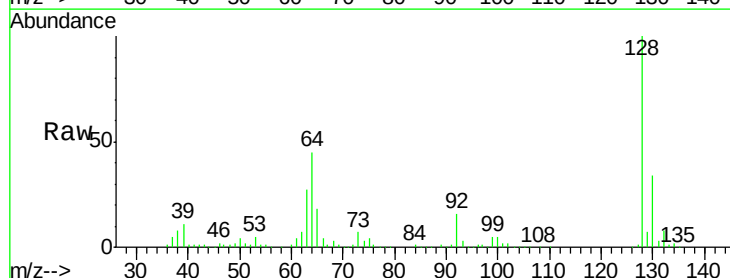
Tgt Ion: 128 Resp: 482226

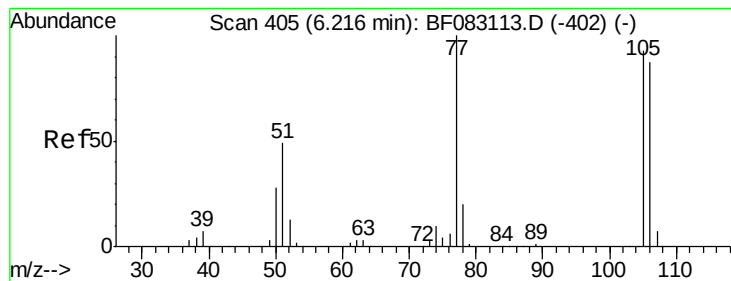
Ion Ratio Lower Upper

128 100

130 34.3 12.6 52.6

64 45.4 41.9 81.9





#9

Benzaldehyde

Concen: 27.86 ng

RT: 6.16 min Scan# 365

Delta R.T. -0.06 min

Lab File: BF083255.D

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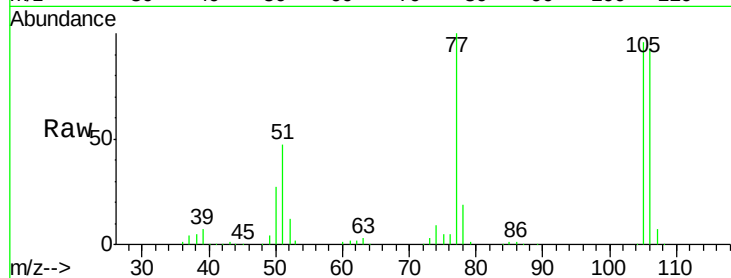
Tgt Ion: 77 Resp: 220500

Ion Ratio Lower Upper

77 100

105 96.4 73.4 113.4

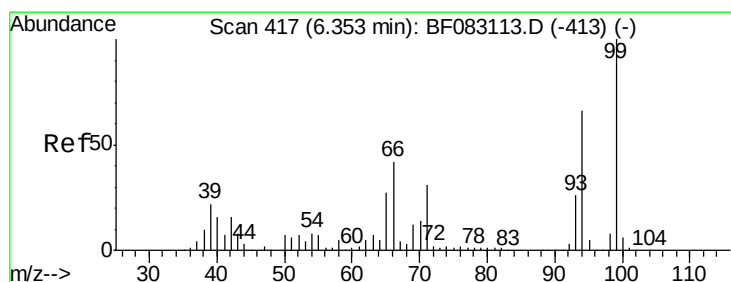
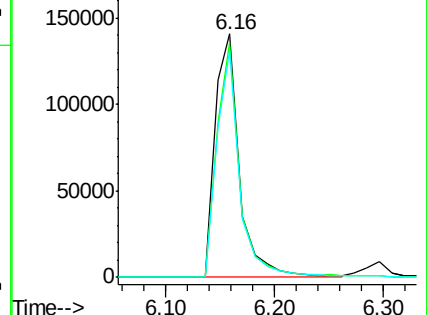
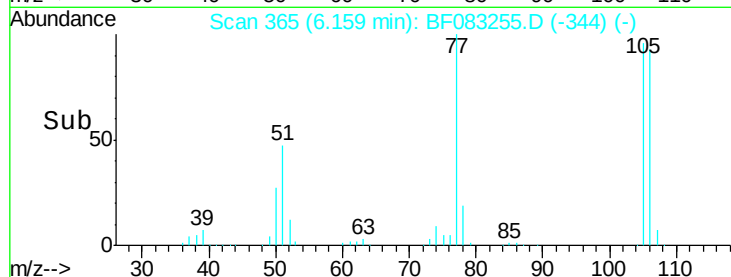
106 93.3 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.53 ng

RT: 6.30 min Scan# 377

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

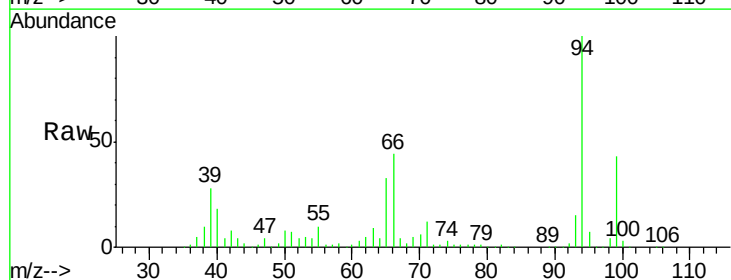
Tgt Ion: 94 Resp: 690892

Ion Ratio Lower Upper

94 100

65 33.2 21.1 61.1

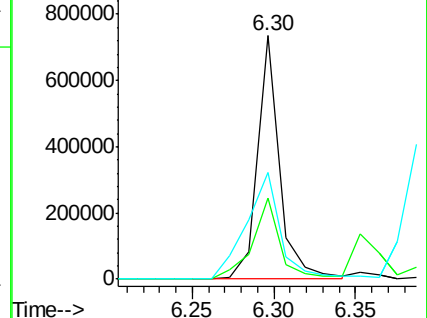
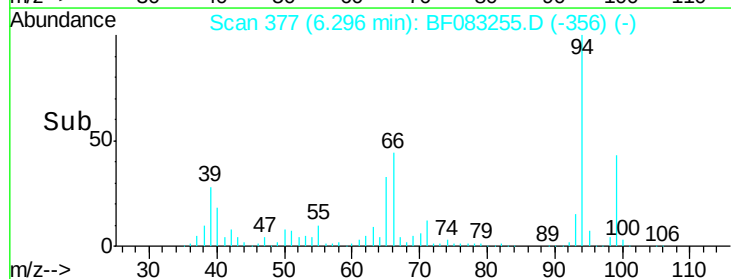
66 43.8 43.1 83.1

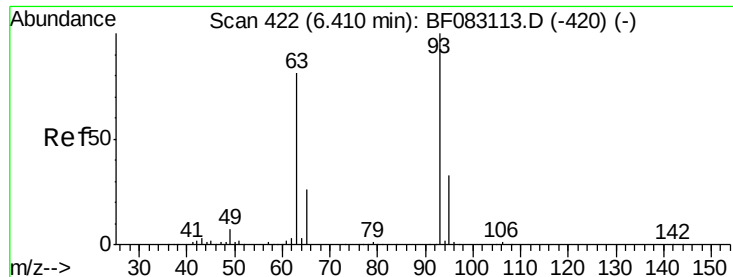


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

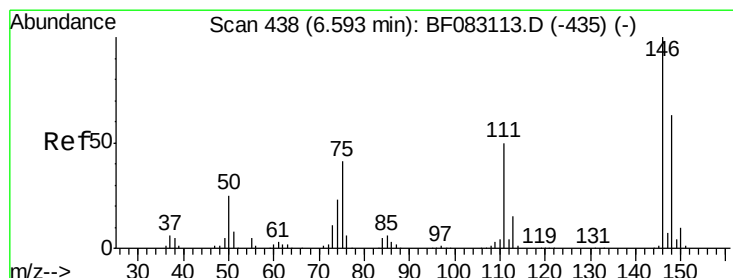
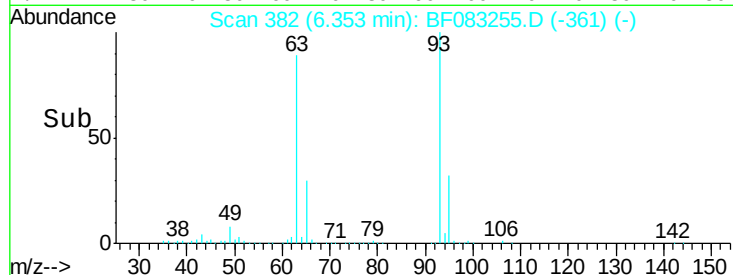
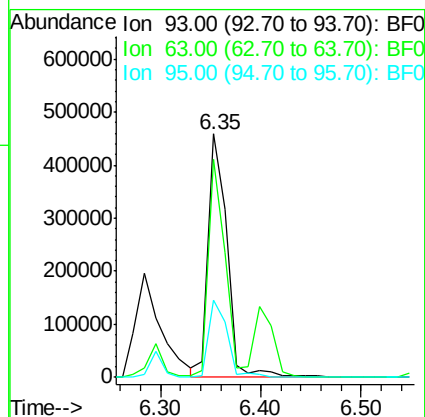
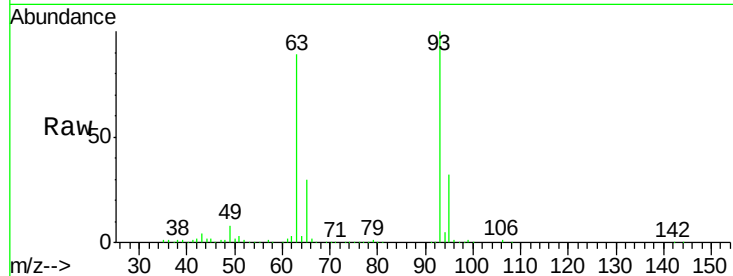




#11
bis(2-Chloroethyl)ether
Concen: 47.29 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.06 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

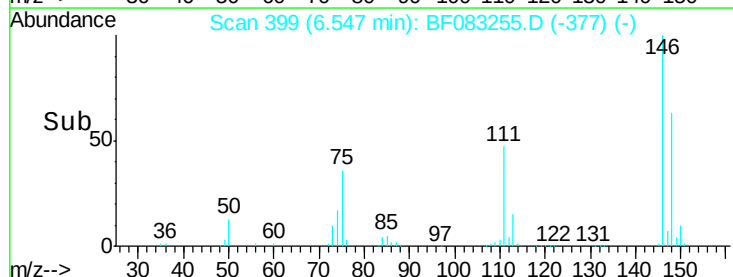
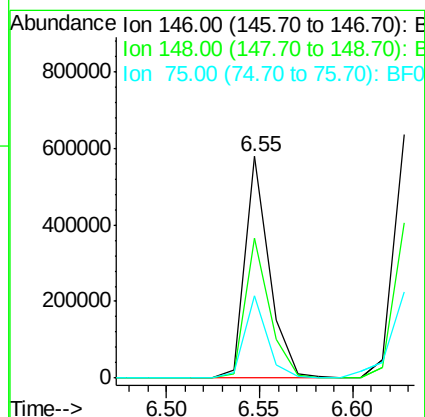
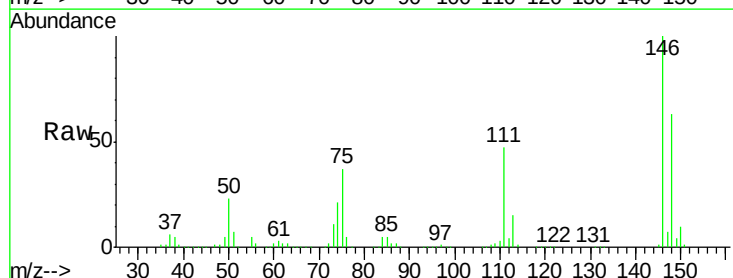
Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

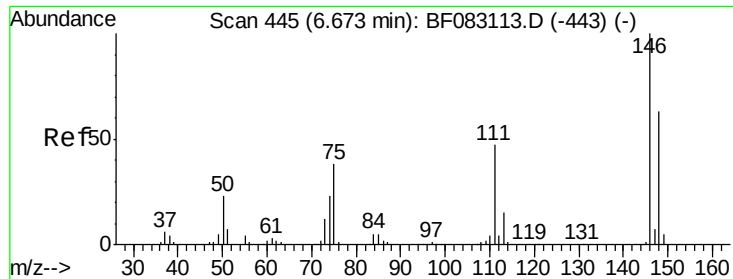
Tgt Ion: 93 Resp: 590227
Ion Ratio Lower Upper
93 100
63 89.4 59.8 99.8
95 31.8 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 38.13 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.05 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

Tgt Ion: 146 Resp: 525267
Ion Ratio Lower Upper
146 100
148 63.3 50.2 75.2
75 37.4 32.7 49.1

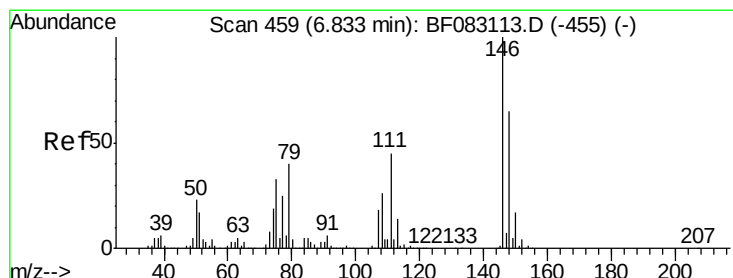
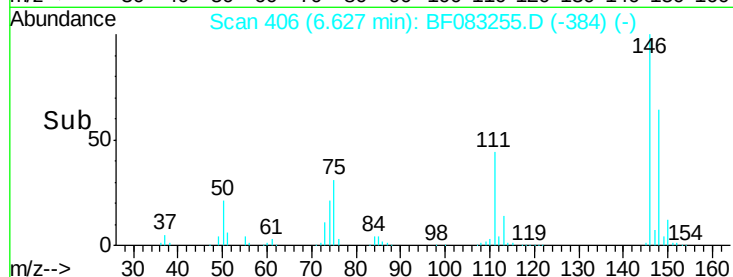
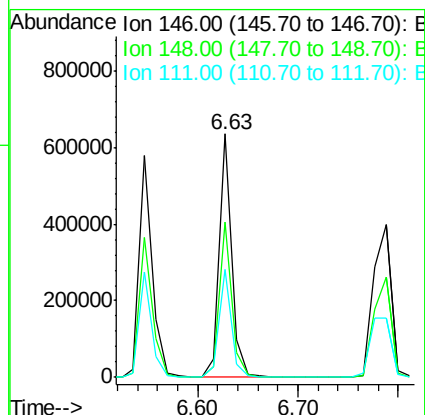
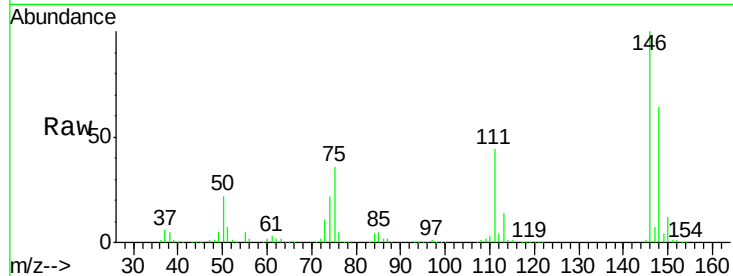




#13
 1,4-Dichlorobenzene
 Concen: 39.57 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.05 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

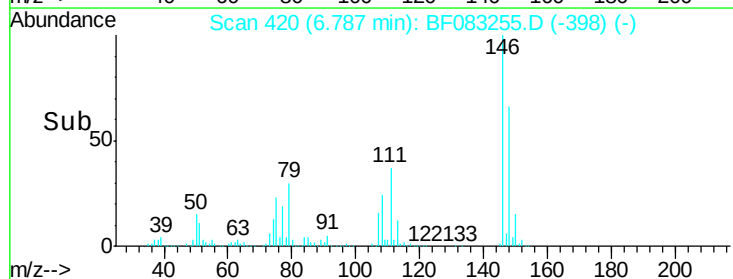
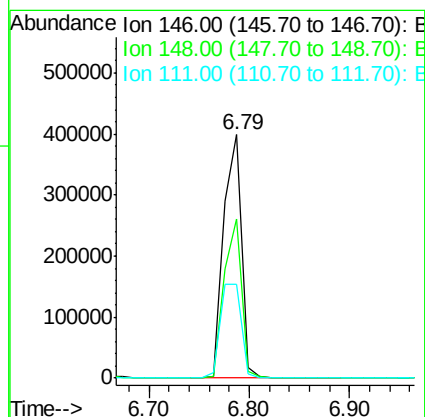
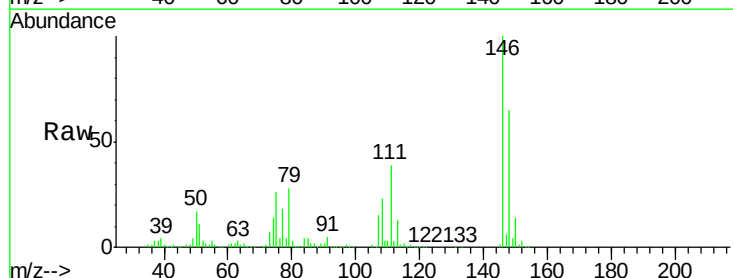
Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

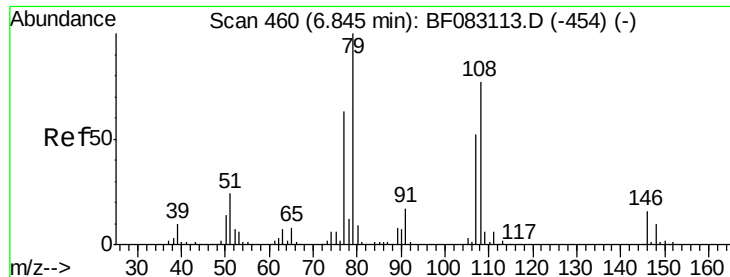
Tgt Ion:146 Resp: 551349
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.2 75.2
 111 44.3 37.5 56.3



#14
 1,2-Dichlorobenzene
 Concen: 38.76 ng
 RT: 6.79 min Scan# 420
 Delta R.T. -0.05 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Tgt Ion:146 Resp: 490882
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.8 77.6
 111 38.8 36.2 54.4

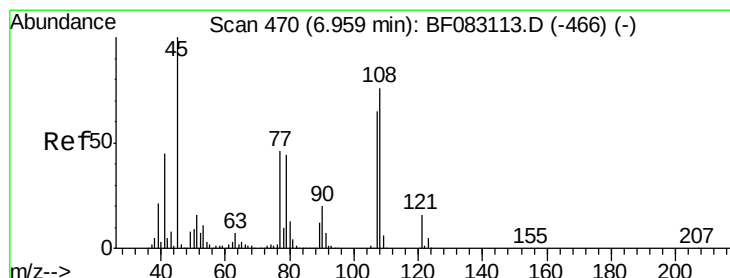
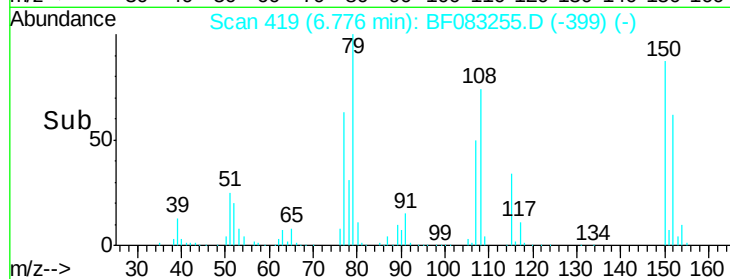
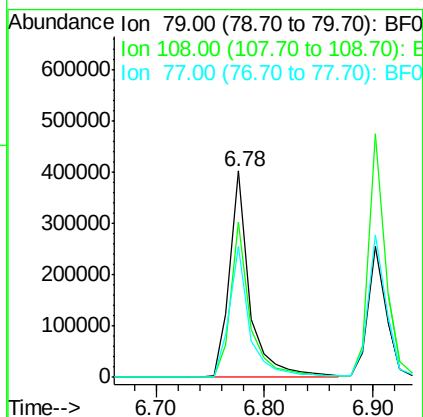
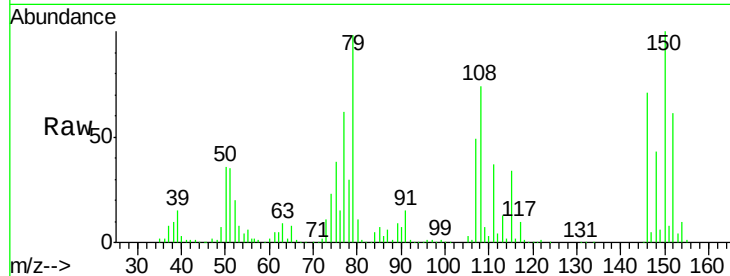




#15
Benzyl Alcohol
Concen: 42.99 ng
RT: 6.78 min Scan# 419
Delta R.T. -0.07 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

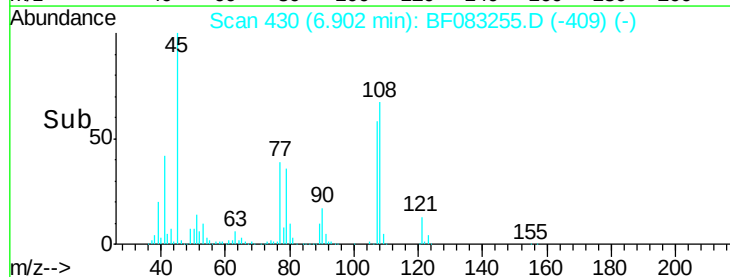
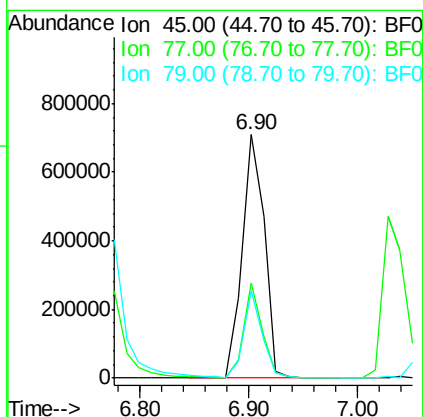
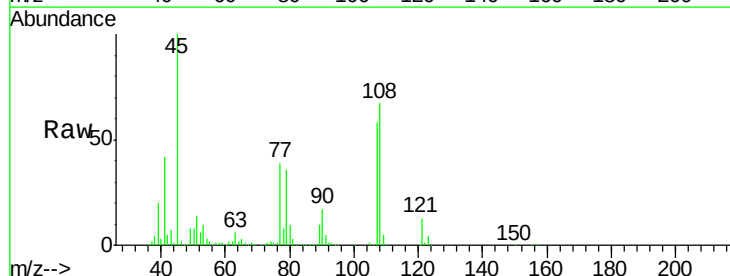
Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

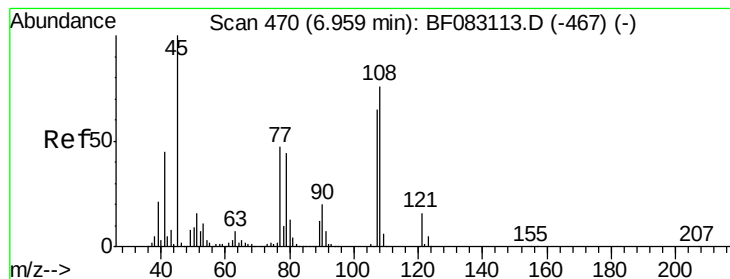
Tgt Ion: 79 Resp: 519041
Ion Ratio Lower Upper
79 100
108 75.3 61.4 92.2
77 63.2 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.78 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.06 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

Tgt Ion: 45 Resp: 988360
Ion Ratio Lower Upper
45 100
77 39.3 26.7 66.7
79 36.0 24.3 64.3

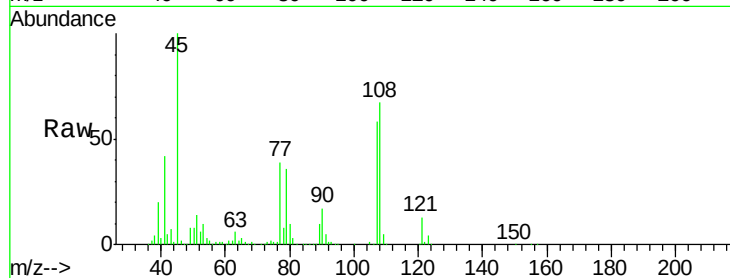




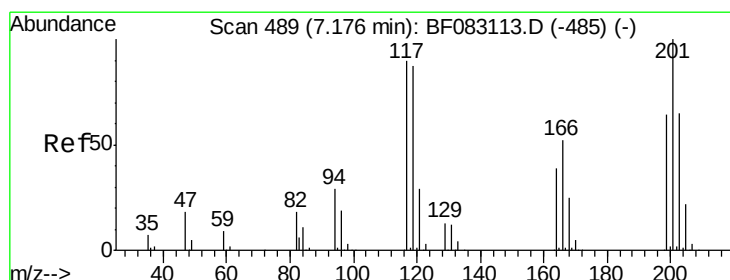
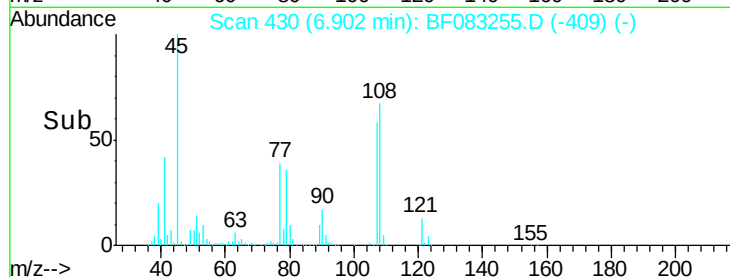
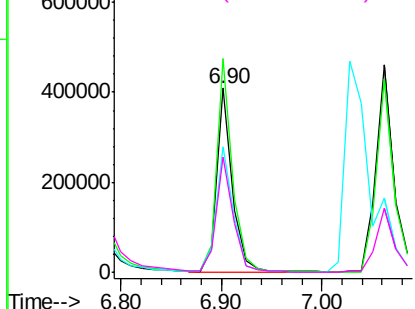
#17
2-Methylphenol
Concen: 43.87 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.06 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

Tgt Ion:107 Resp: 437910
Ion Ratio Lower Upper
107 100
108 116.0 93.8 140.6
77 68.2 57.4 86.0
79 62.4 54.4 81.6

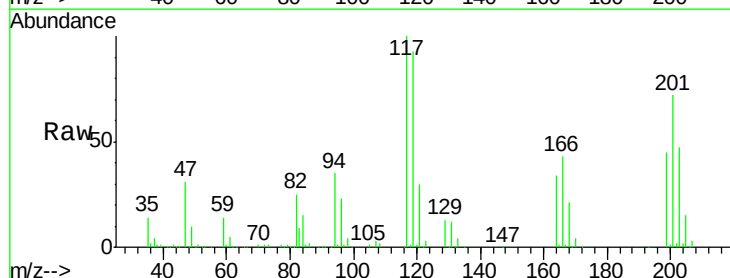


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

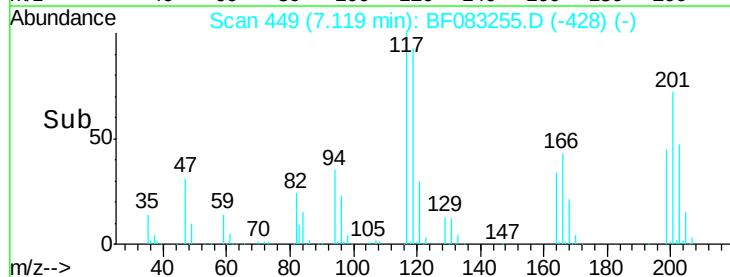
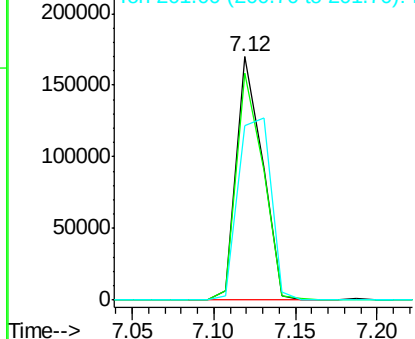


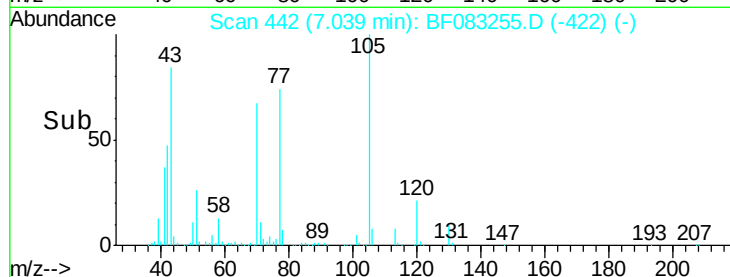
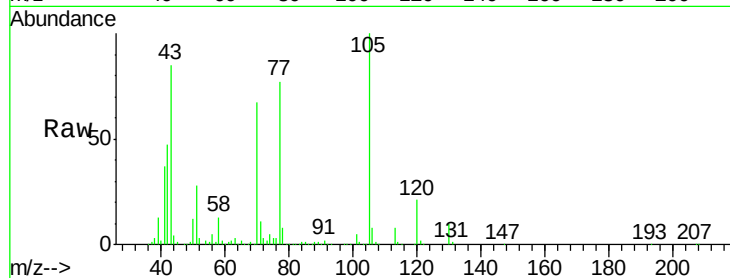
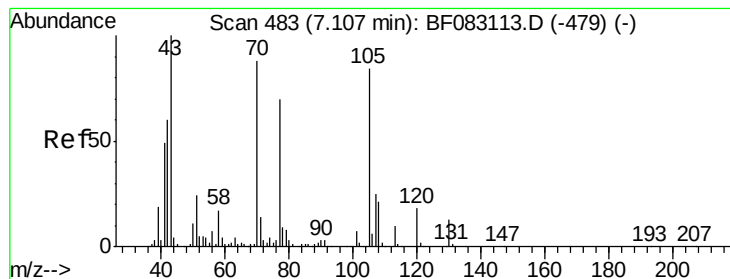
#18
Hexachloroethane
Concen: 38.13 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

Tgt Ion:117 Resp: 187159
Ion Ratio Lower Upper
117 100
119 93.4 76.8 115.2
201 71.8 88.6 133.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.63 ng

RT: 7.04 min Scan# 442

Delta R.T. -0.07 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

Tgt Ion: 70 Resp: 438707

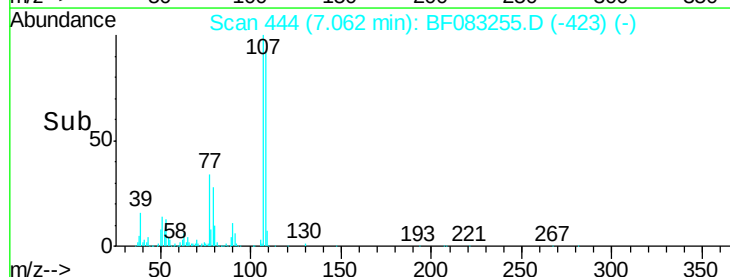
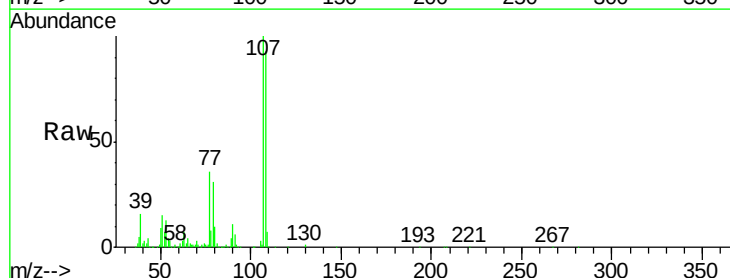
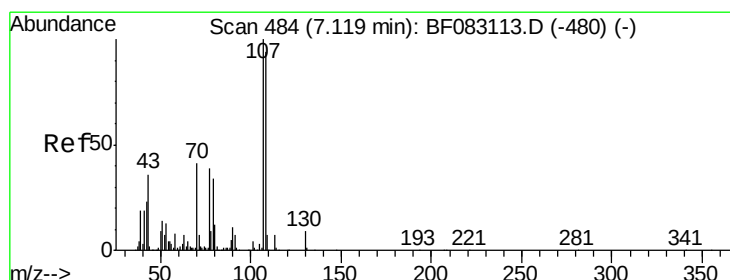
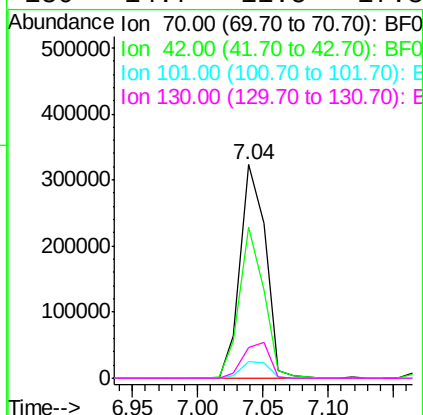
Ion Ratio Lower Upper

70 100

42 70.6 54.5 81.7

101 8.0 6.6 9.8

130 14.7 11.5 17.3



#20

3+4-Methylphenols

Concen: 46.14 ng

RT: 7.06 min Scan# 444

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Tgt Ion: 107 Resp: 582303

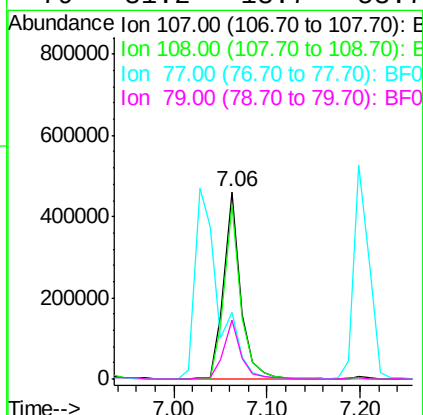
Ion Ratio Lower Upper

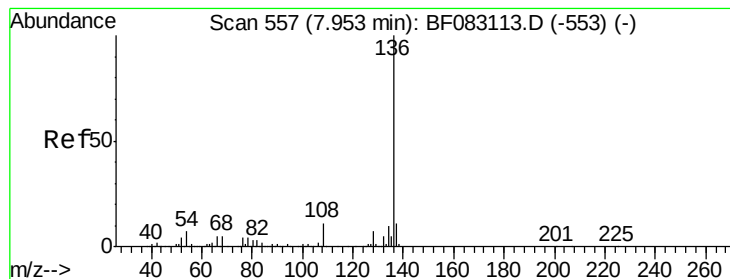
107 100

108 93.2 73.8 113.8

77 35.6 19.1 59.1

79 31.2 13.7 53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

Tgt Ion:136 Resp: 658454

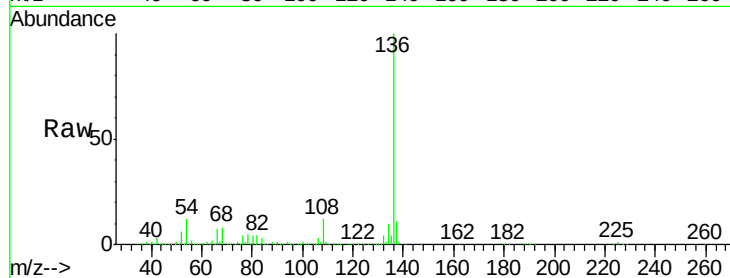
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 12.0 5.8 8.6#

68 7.8 3.8 5.8#

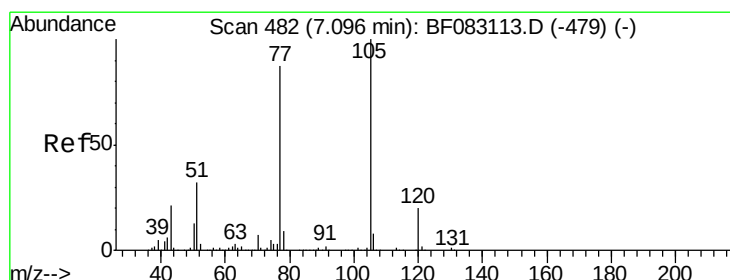
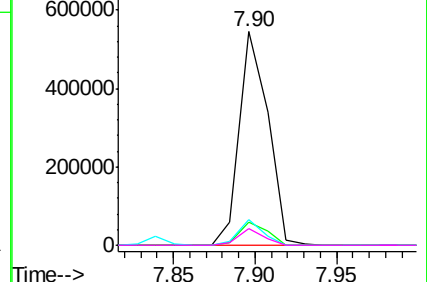
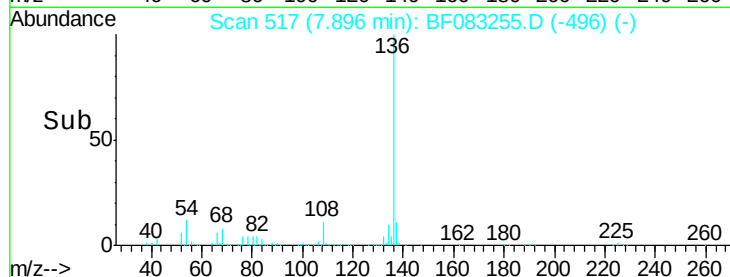


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.00 ng

RT: 7.03 min Scan# 441

Delta R.T. -0.07 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Tgt Ion:105 Resp: 775074

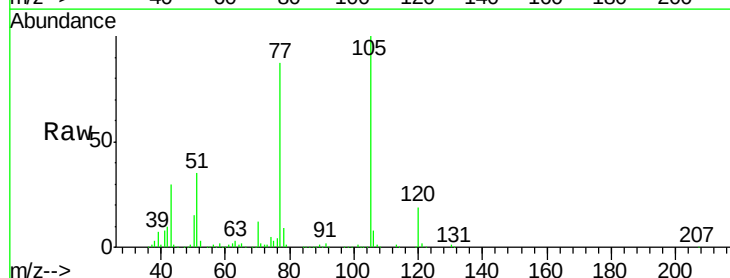
Ion Ratio Lower Upper

105 100

71 1.9 1.0 1.4#

51 35.2 25.6 38.4

120 19.4 15.8 23.6

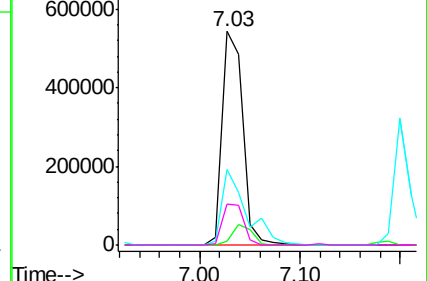
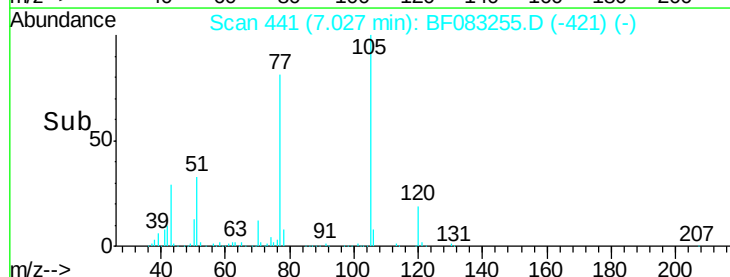


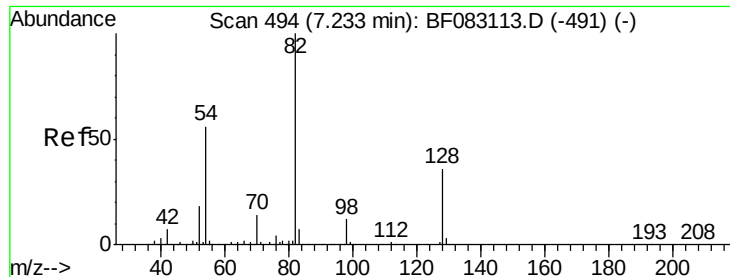
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

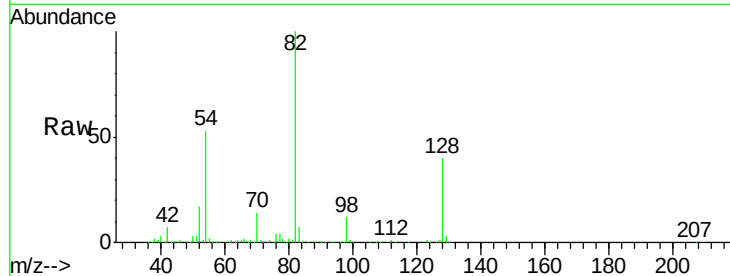




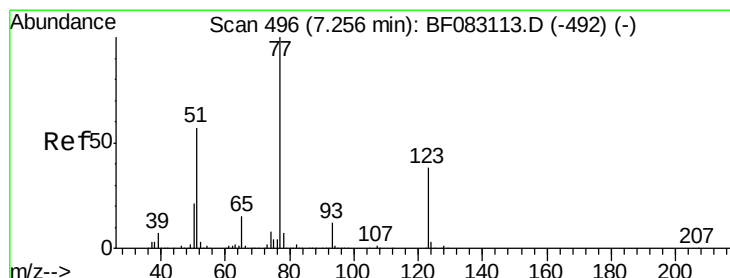
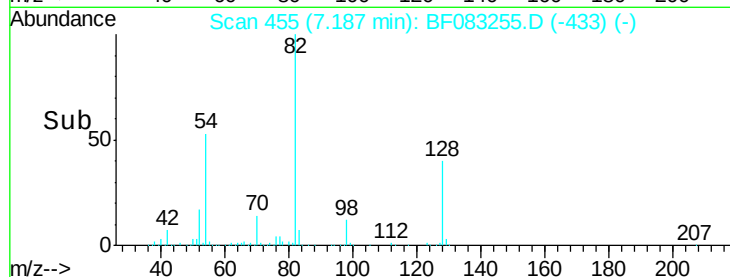
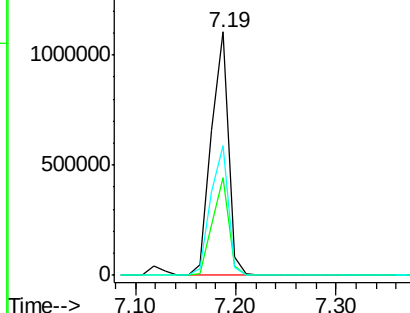
#23
 Nitrobenzene-d5
 Concen: 90.81 ng
 RT: 7.19 min Scan# 455
 Delta R.T. -0.05 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion: 82 Resp: 1308514
 Ion Ratio Lower Upper
 82 100
 128 40.3 28.5 42.7
 54 53.1 44.6 67.0

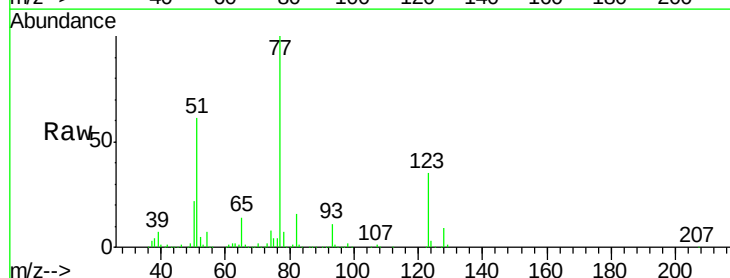


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

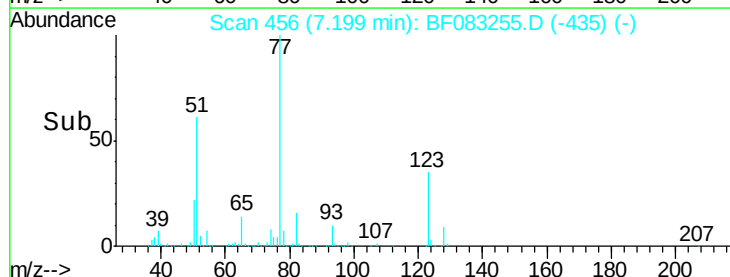
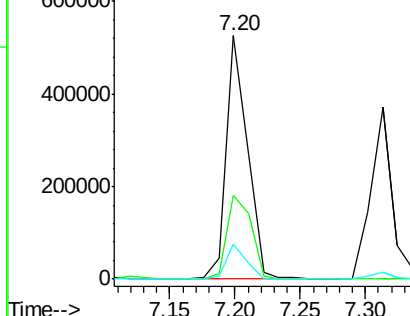


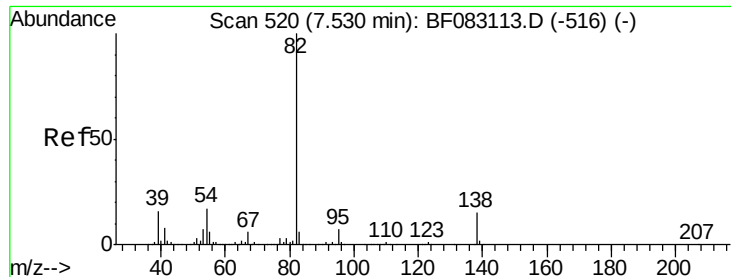
#24
 Nitrobenzene
 Concen: 38.26 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.06 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Tgt Ion: 77 Resp: 589100
 Ion Ratio Lower Upper
 77 100
 123 34.5 30.1 45.1
 65 14.3 11.6 17.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.73 ng

RT: 7.45 min Scan# 478

Delta R.T. -0.08 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

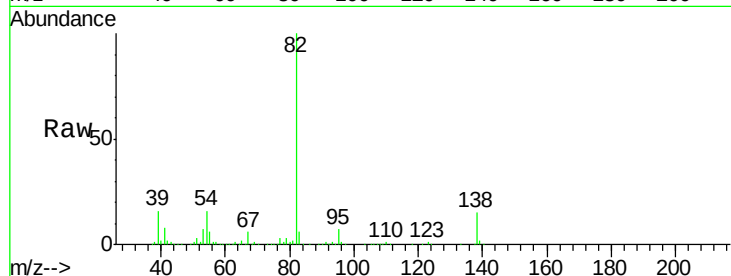
Tgt Ion: 82 Resp: 1193136

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.8

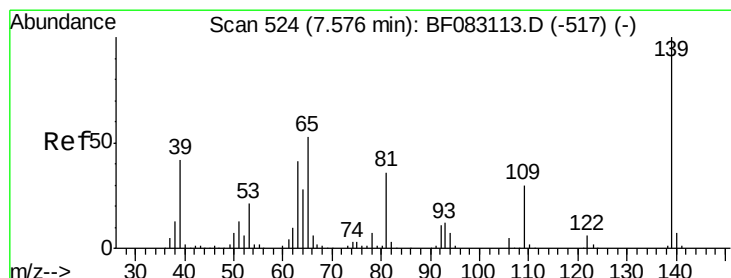
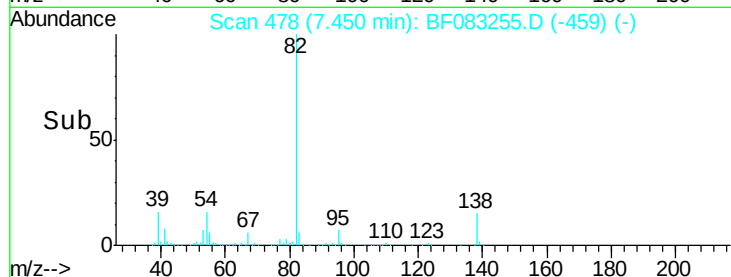
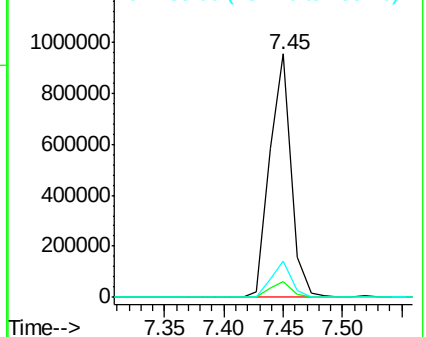
138 15.1 11.6 17.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.20 ng

RT: 7.52 min Scan# 484

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

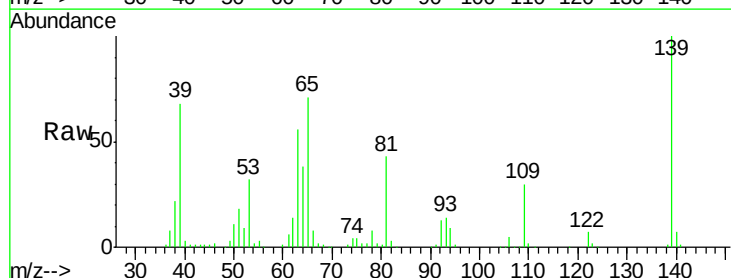
Tgt Ion: 139 Resp: 252835

Ion Ratio Lower Upper

139 100

109 30.4 23.9 35.9

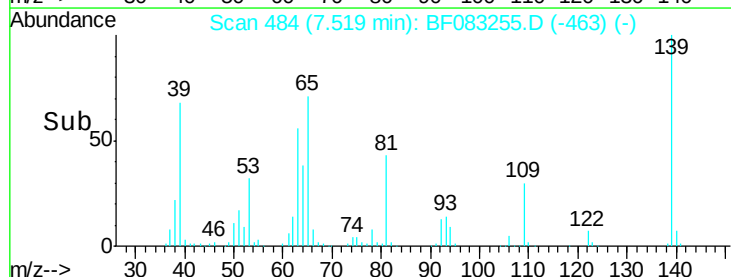
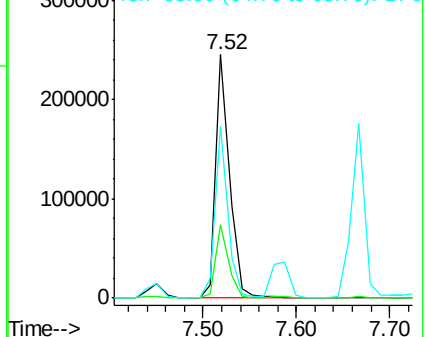
65 70.6 42.7 64.1#

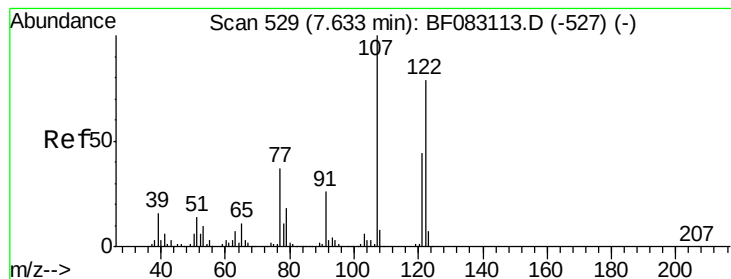


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.48 ng

RT: 7.59 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

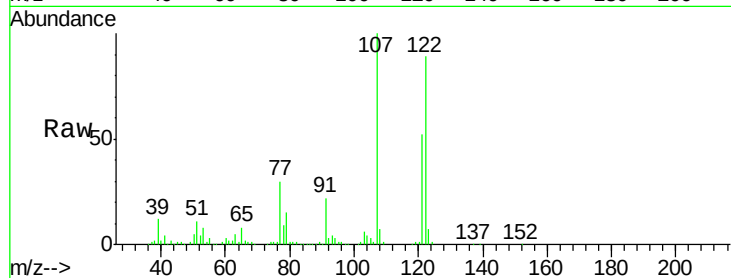
Tgt Ion:122 Resp: 471643

Ion Ratio Lower Upper

122 100

107 112.4 101.1 151.7

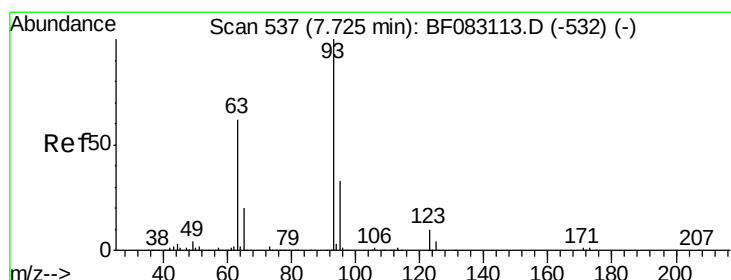
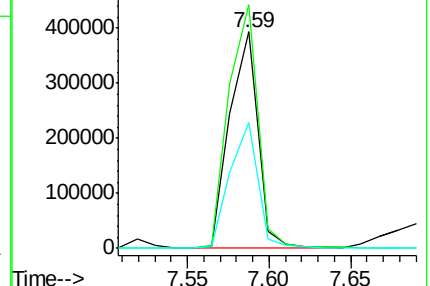
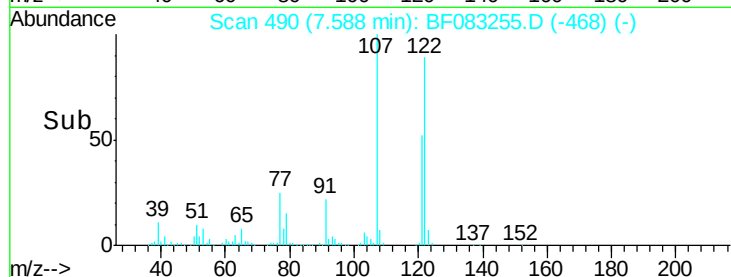
121 58.3 44.9 67.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.65 ng

RT: 7.67 min Scan# 497

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

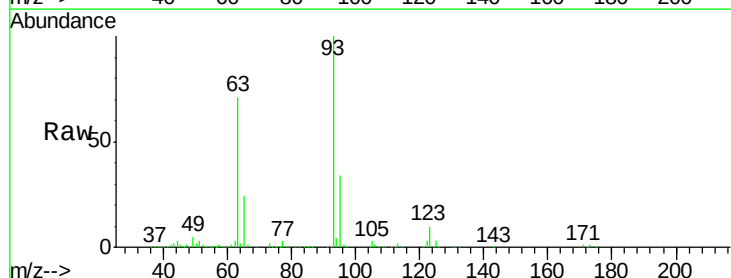
Tgt Ion: 93 Resp: 724226

Ion Ratio Lower Upper

93 100

95 33.8 26.5 39.7

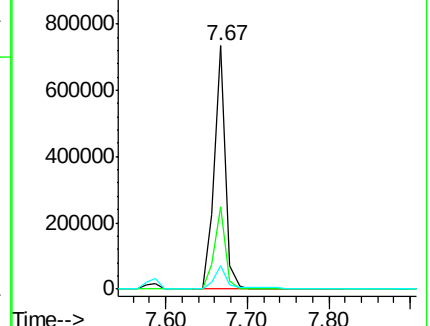
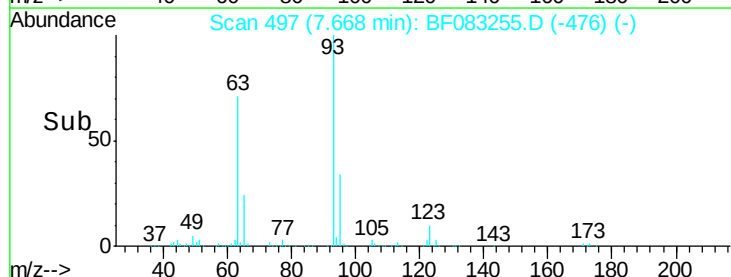
123 9.9 8.1 12.1

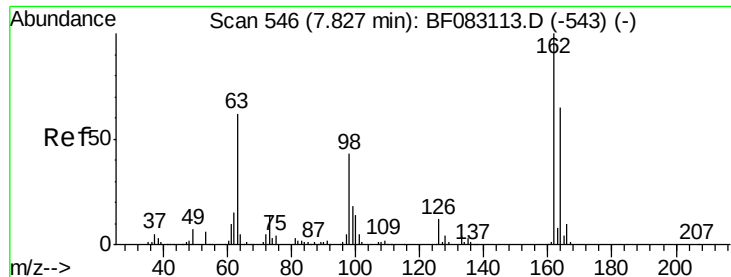


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.21 ng

RT: 7.77 min Scan# 506

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

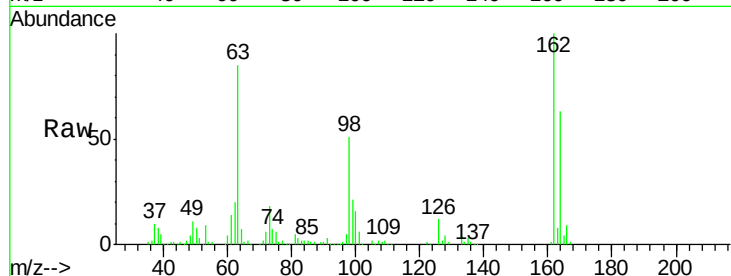
Tgt Ion:162 Resp: 435501

Ion Ratio Lower Upper

162 100

164 63.0 44.8 84.8

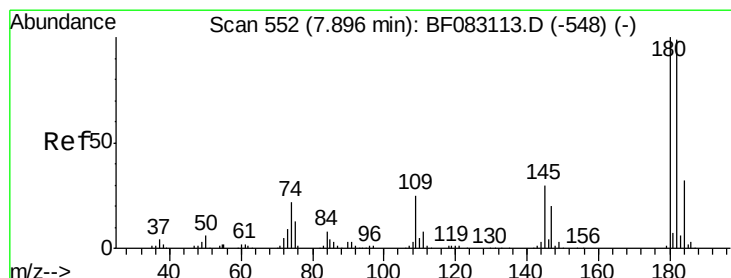
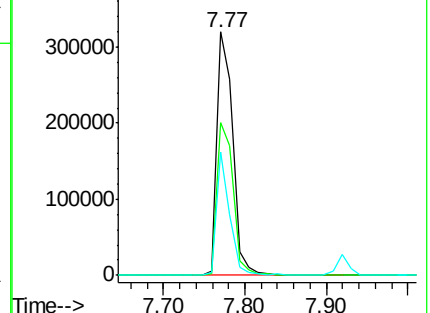
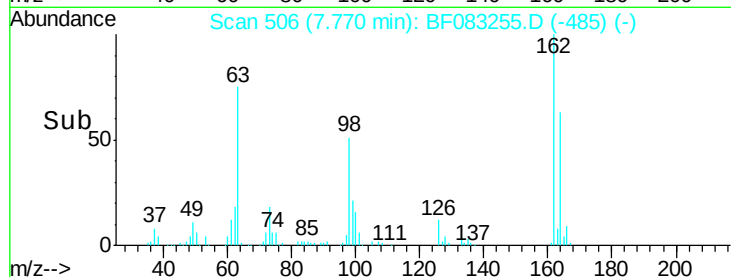
98 50.8 23.1 63.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.19 ng

RT: 7.85 min Scan# 513

Delta R.T. -0.05 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

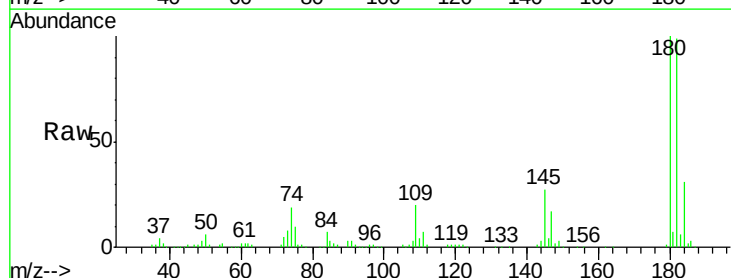
Tgt Ion:180 Resp: 444208

Ion Ratio Lower Upper

180 100

182 98.9 79.0 118.6

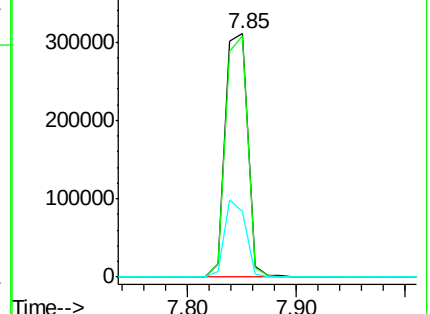
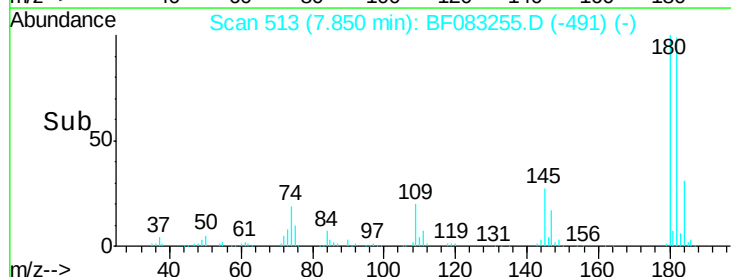
145 27.1 24.2 36.2

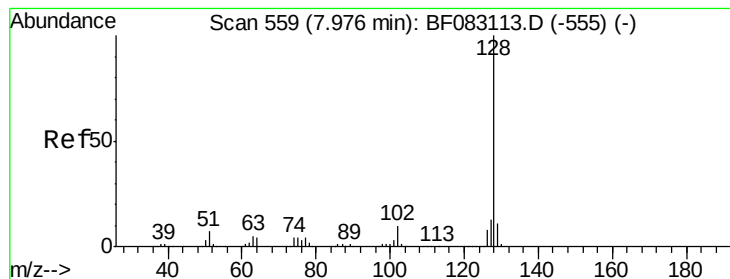


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 52.54 ng

RT: 7.92 min Scan# 519

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

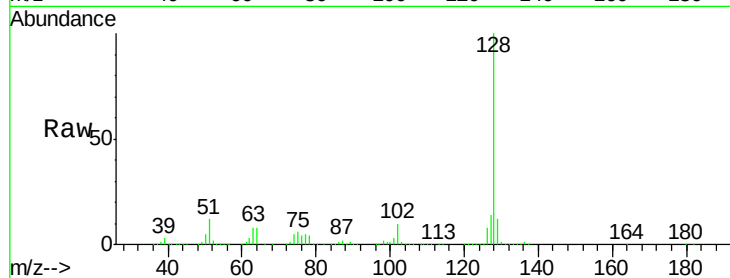
Tgt Ion:128 Resp: 1866954

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.4

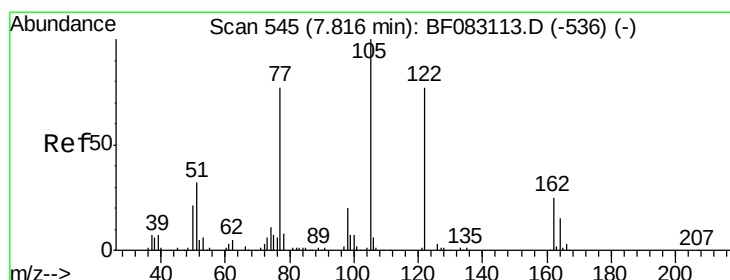
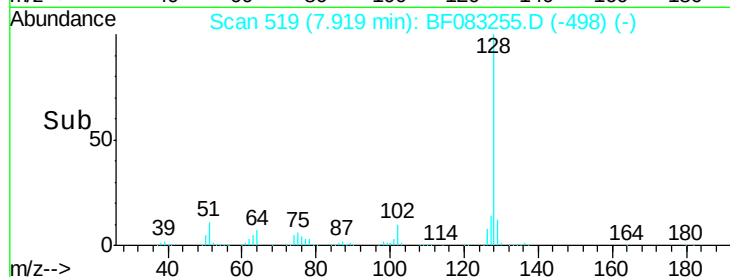
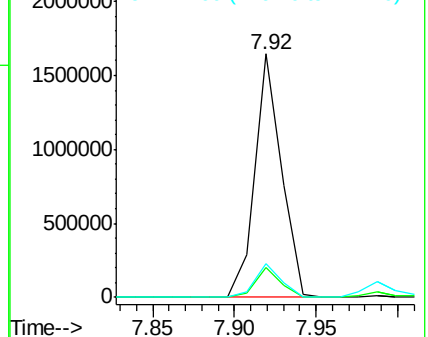
127 13.7 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.33 ng

RT: 7.74 min Scan# 503

Delta R.T. -0.08 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

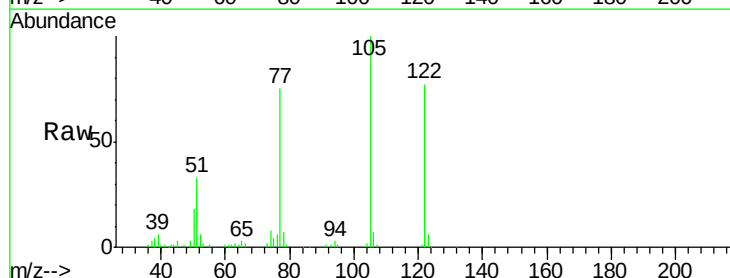
Tgt Ion:122 Resp: 281064

Ion Ratio Lower Upper

122 100

105 129.6 109.7 149.7

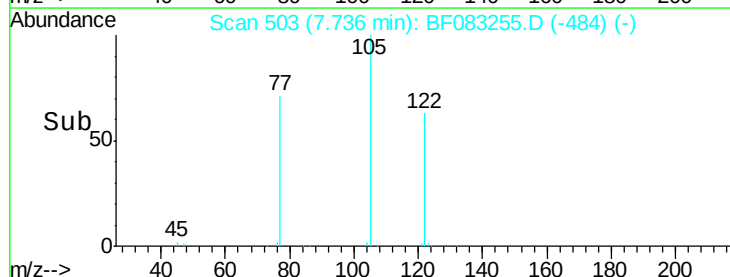
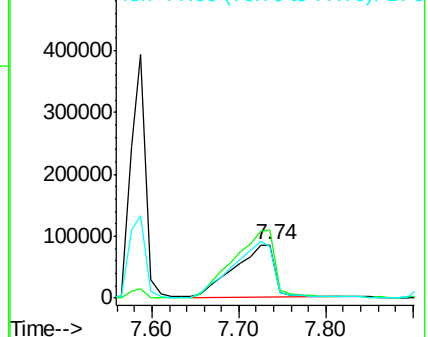
77 97.2 79.7 119.7

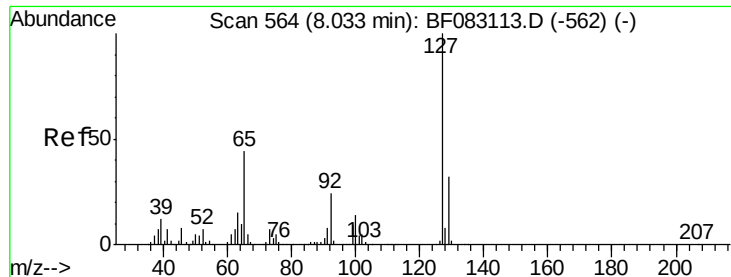


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

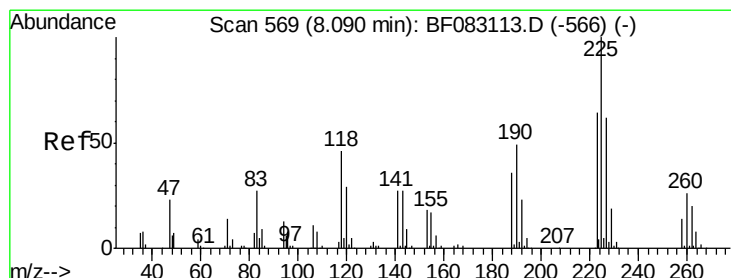
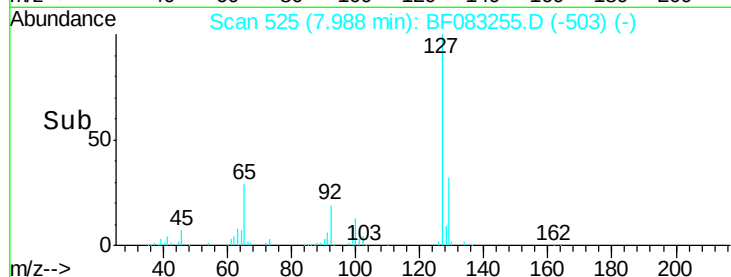
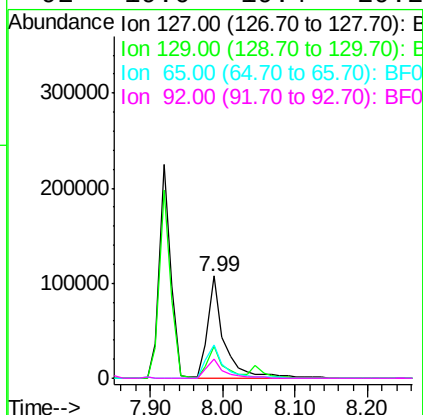
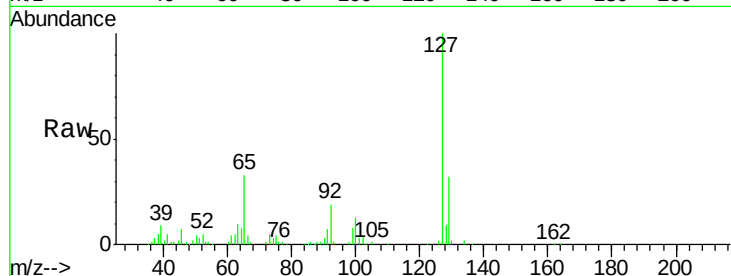




#33
4-Chloroaniline
Concen: 12.08 ng
RT: 7.99 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

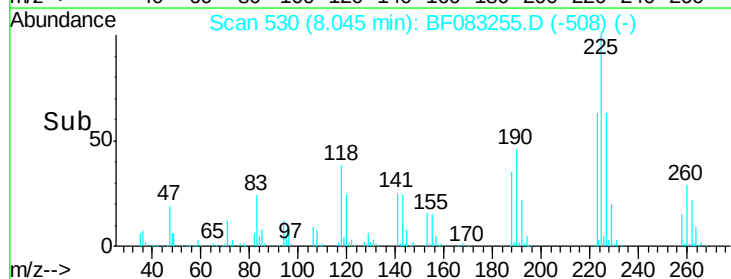
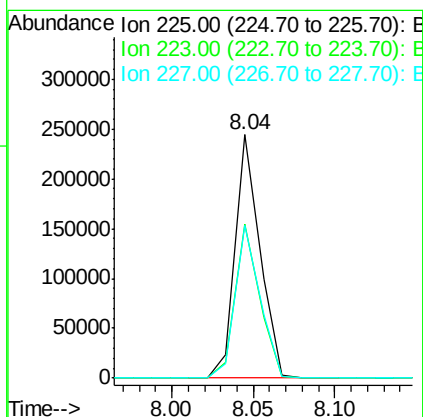
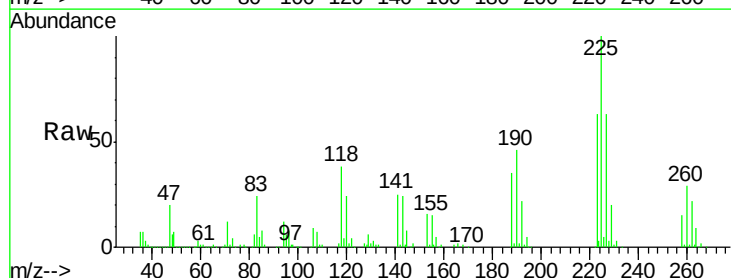
Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

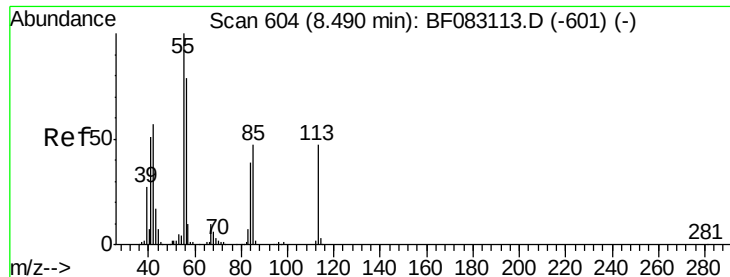
Tgt Ion:	127	Resp:	166607
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	32.7	35.5	53.3#
92	19.0	19.4	29.2#



#34
Hexachlorobutadiene
Concen: 37.96 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

Tgt Ion:	225	Resp:	254226
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.3	76.9
227	63.0	49.8	74.8





#35

Caprolactam

Concen: 10.88 ng

RT: 8.41 min Scan# 562

Delta R.T. -0.08 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

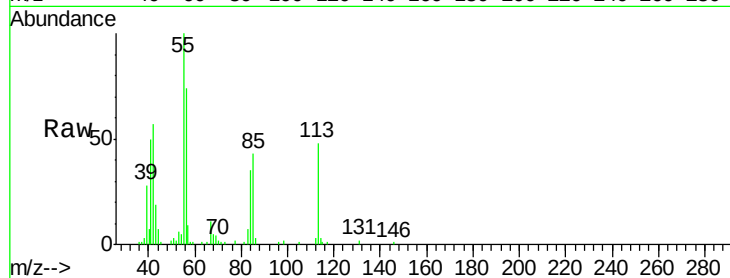
Tgt Ion:113 Resp: 35977

Ion Ratio Lower Upper

113 100

55 208.9 192.6 232.6

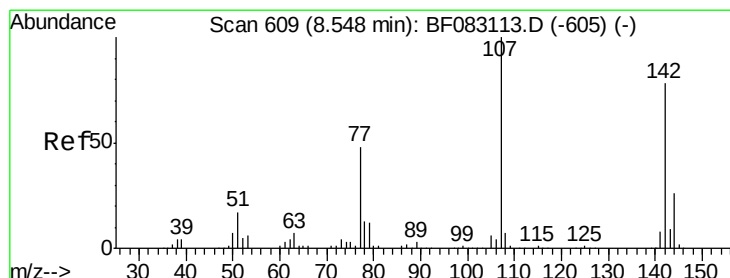
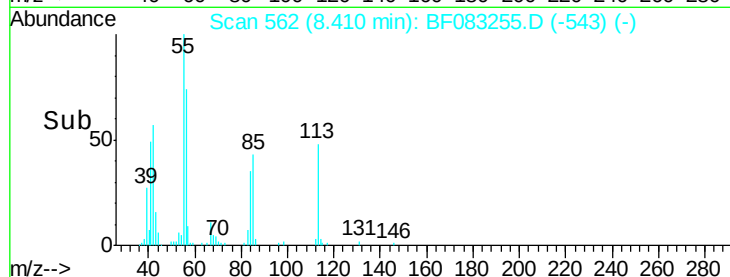
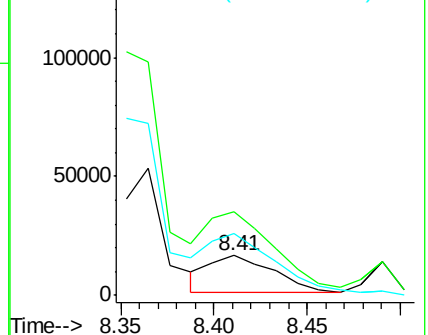
56 155.2 148.6 188.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.07 ng

RT: 8.49 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

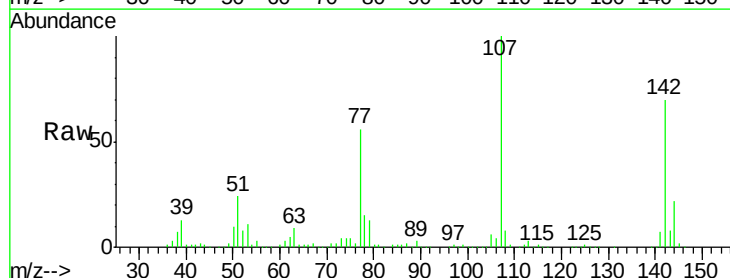
Tgt Ion:107 Resp: 514747

Ion Ratio Lower Upper

107 100

144 22.2 20.8 31.2

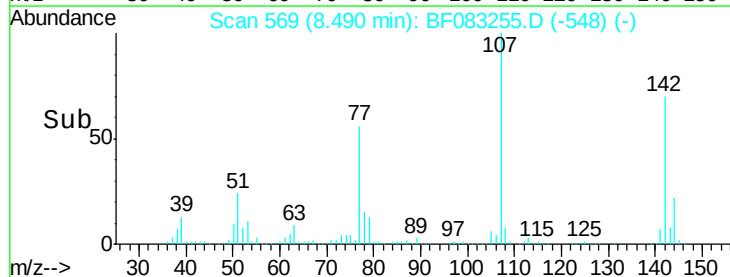
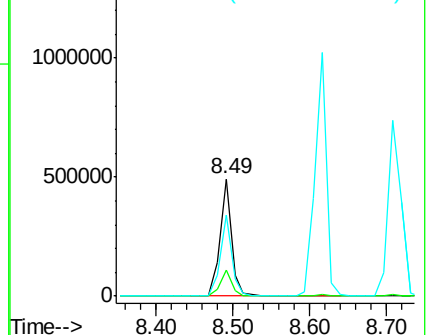
142 69.5 62.1 93.1

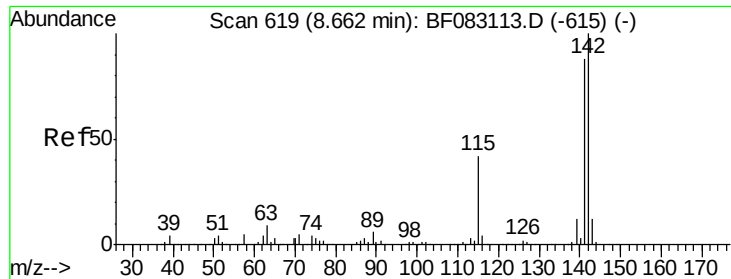


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.83 ng

RT: 8.62 min Scan# 580

Delta R.T. -0.05 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

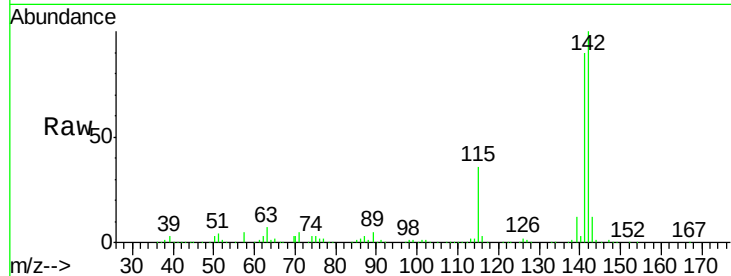
Tgt Ion:142 Resp: 1033896

Ion Ratio Lower Upper

142 100

141 90.1 70.3 105.5

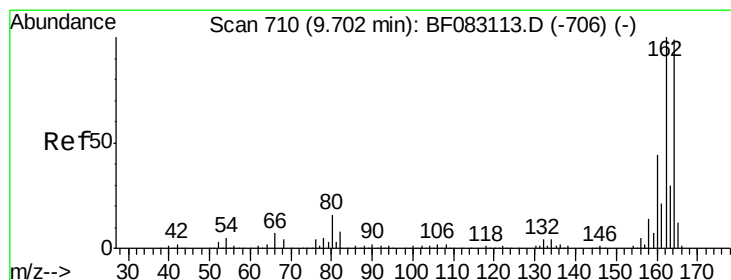
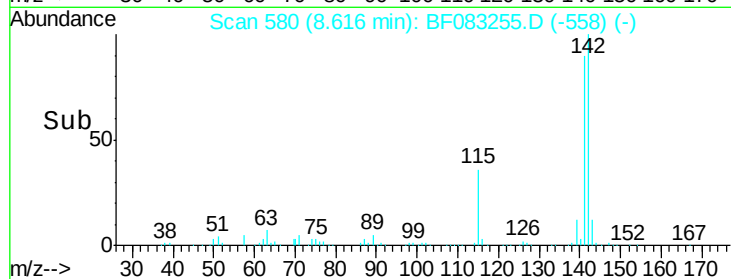
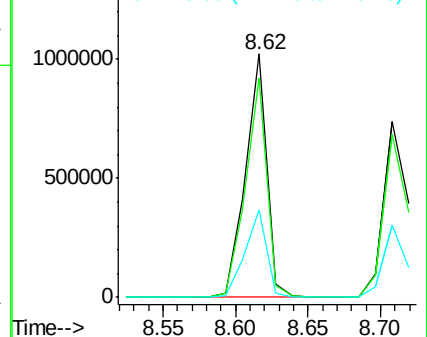
115 35.9 33.4 50.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 670

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

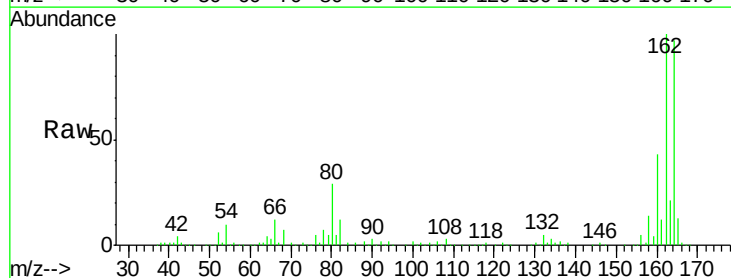
Tgt Ion:164 Resp: 324784

Ion Ratio Lower Upper

164 100

162 102.8 81.2 121.8

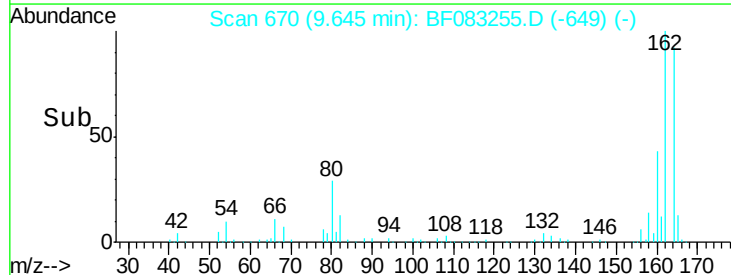
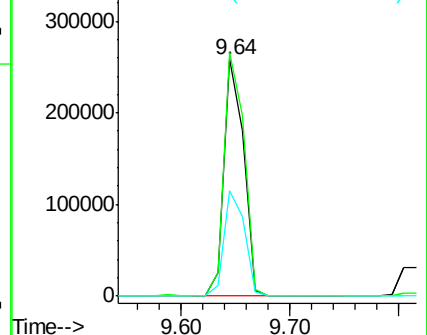
160 44.5 35.6 53.4

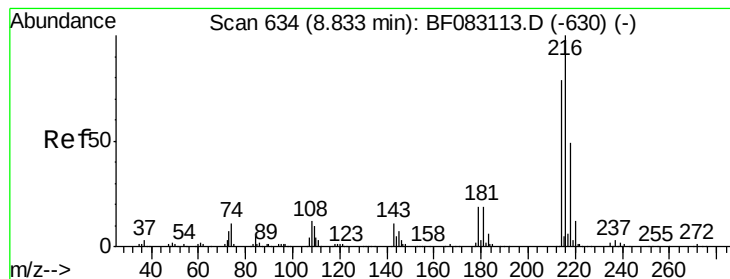


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.39 ng

RT: 8.79 min Scan# 595

Delta R.T. -0.05 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

Tgt Ion:216 Resp: 425154

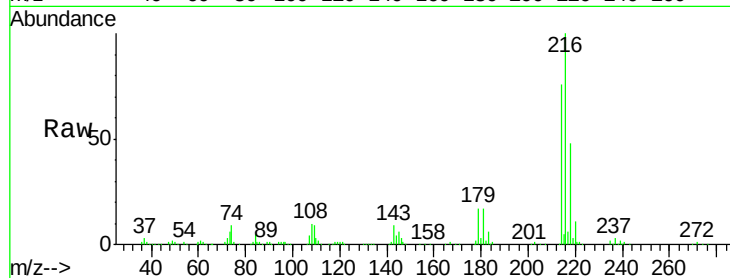
Ion Ratio Lower Upper

216 100

214 78.5 63.8 95.8

179 20.6 17.0 25.6

108 20.8 15.2 22.8

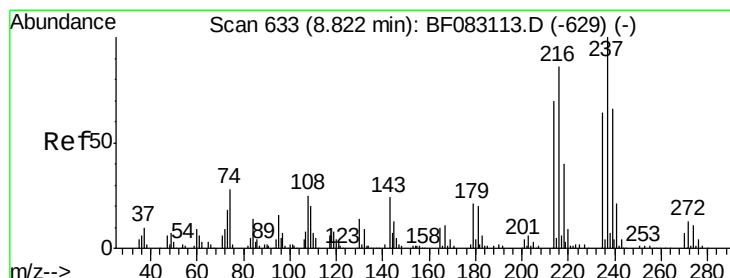
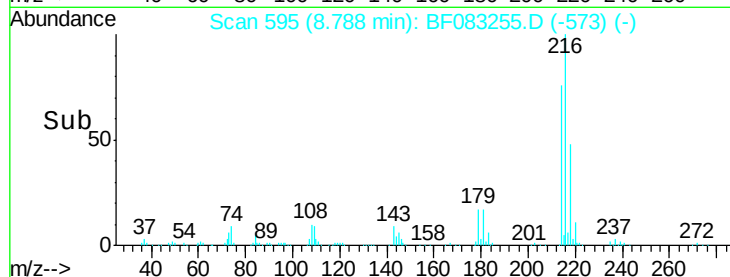
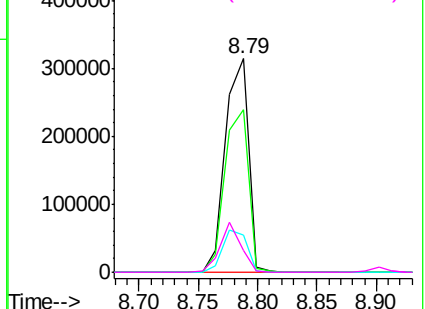


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 71.56 ng

RT: 8.78 min Scan# 594

Delta R.T. -0.05 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

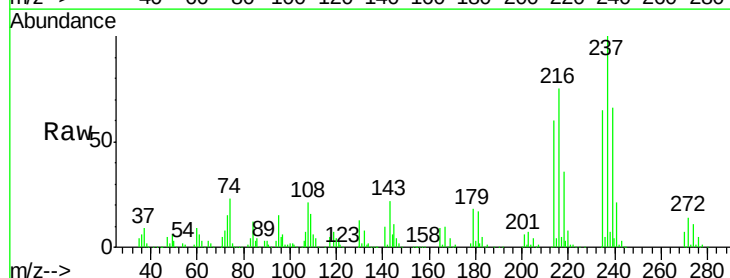
Tgt Ion:237 Resp: 428306

Ion Ratio Lower Upper

237 100

235 65.2 43.5 83.5

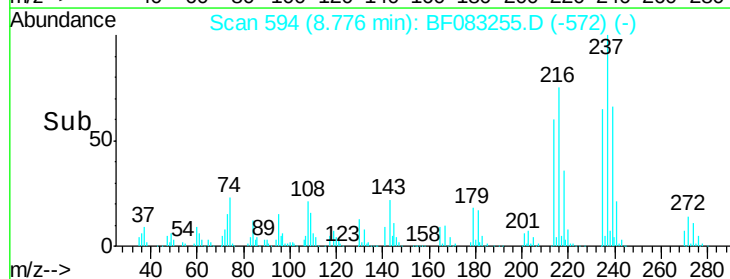
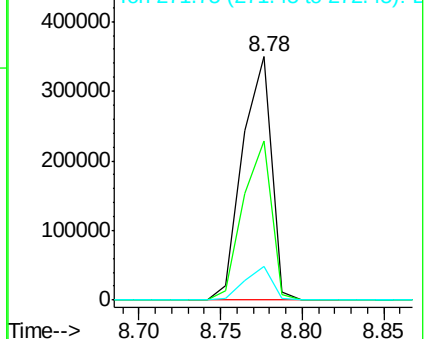
272 13.6 0.0 33.1

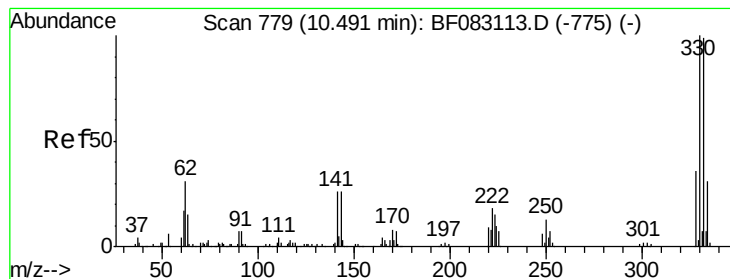


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

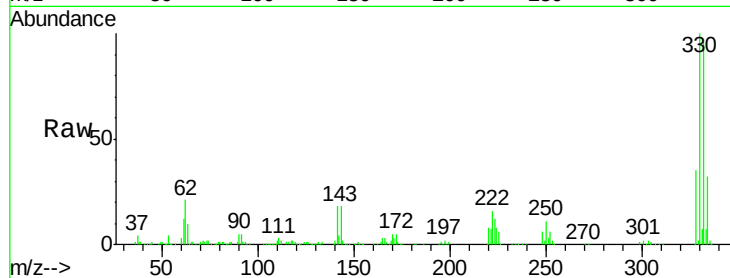




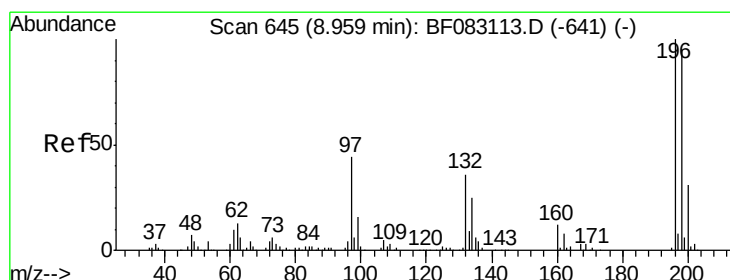
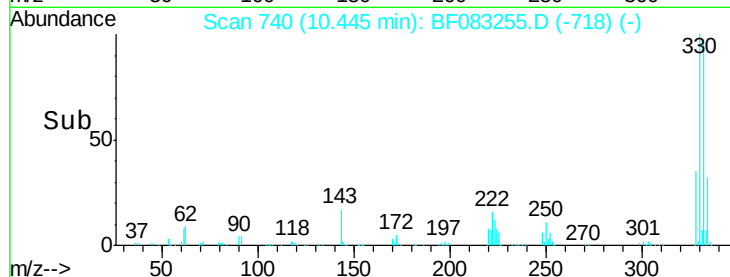
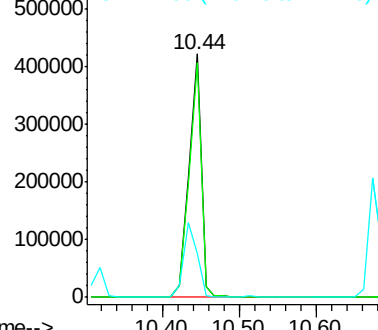
#41
 2,4,6-Tribromophenol
 Concen: 140.83 ng
 RT: 10.44 min Scan# 740
 Delta R.T. -0.05 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion:330 Resp: 467929
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.7 116.5
 141 34.2 29.7 44.5

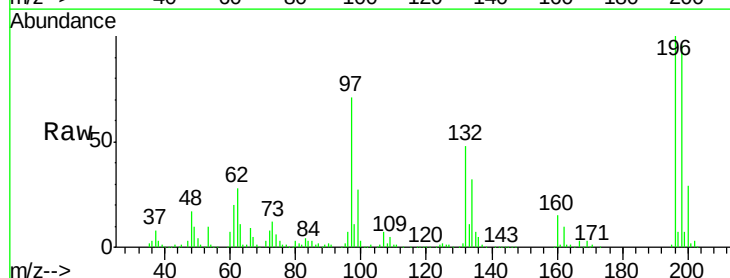


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

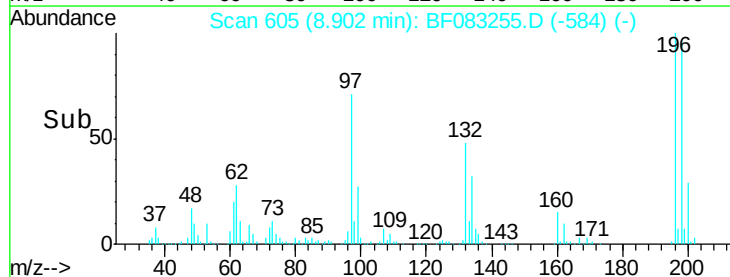
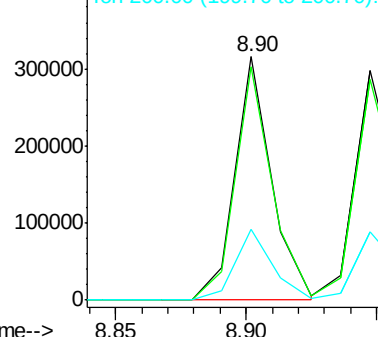


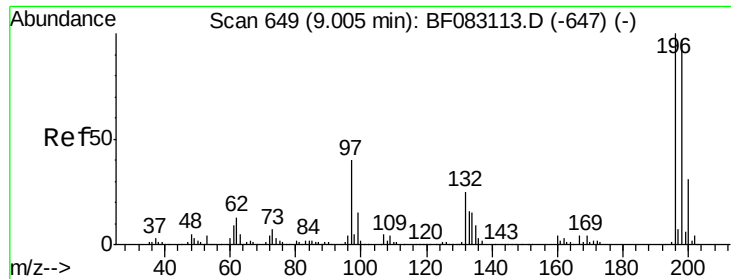
#42
 2,4,6-Trichlorophenol
 Concen: 41.27 ng
 RT: 8.90 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Tgt Ion:196 Resp: 311117
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.9 113.9
 200 29.2 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

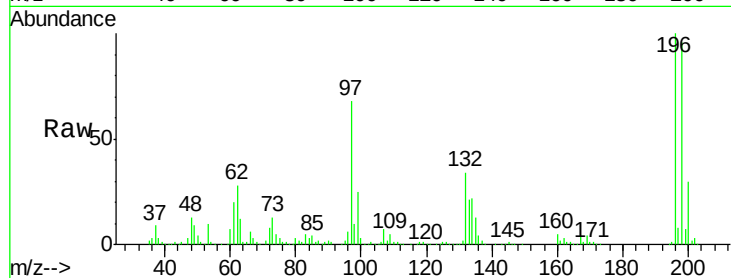




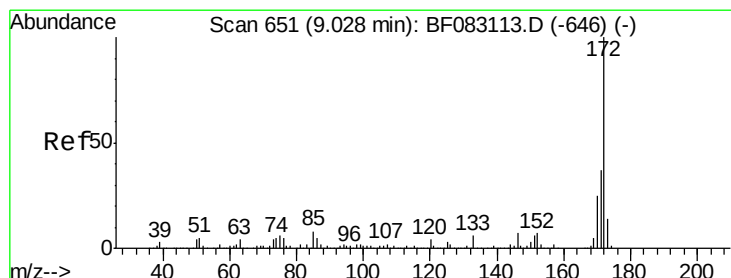
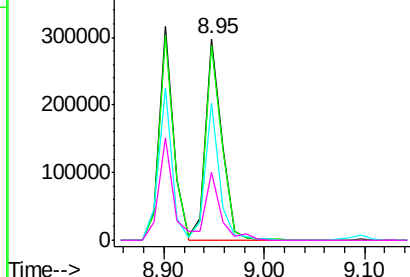
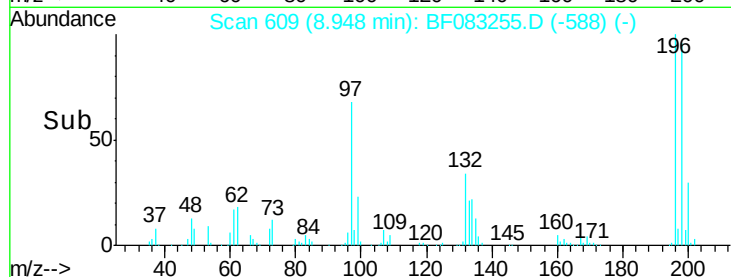
#43
 2,4,5-Trichlorophenol
 Concen: 43.64 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.06 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion:196 Resp: 336436
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.6 116.4
 97 68.2 32.6 48.8#
 132 33.7 19.8 29.8#

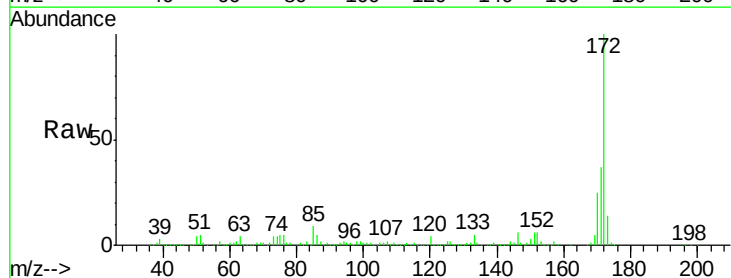


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

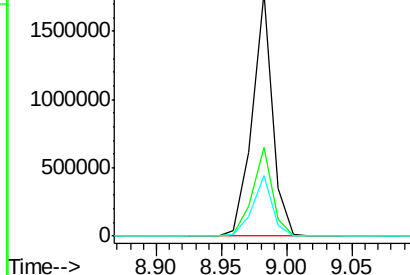
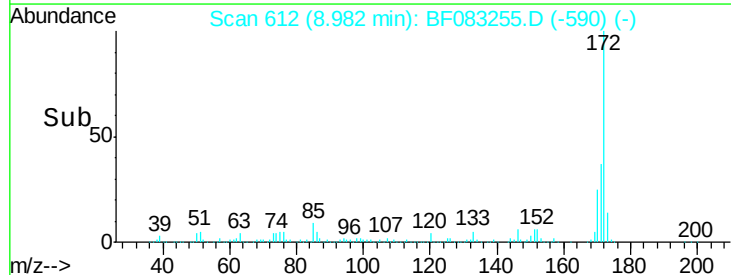


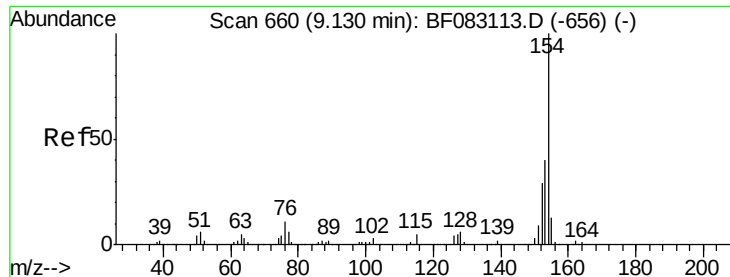
#44
 2-Fluorobiphenyl
 Concen: 82.65 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Tgt Ion:172 Resp: 1925054
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.5 44.3
 170 25.1 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

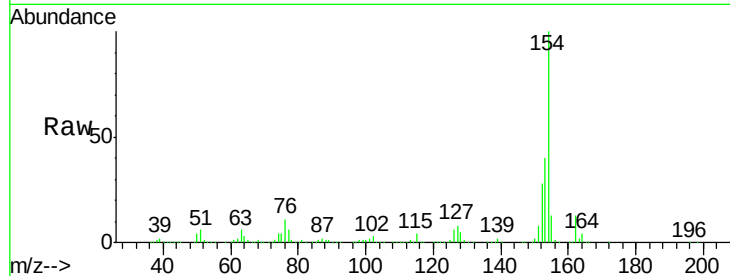




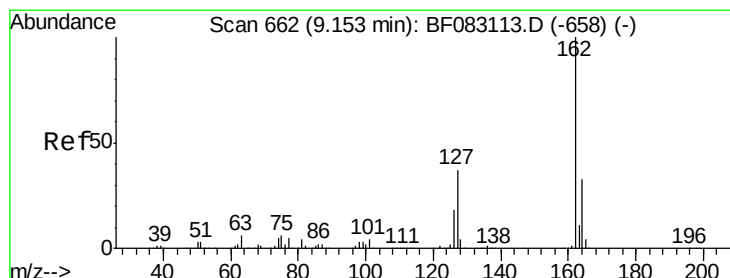
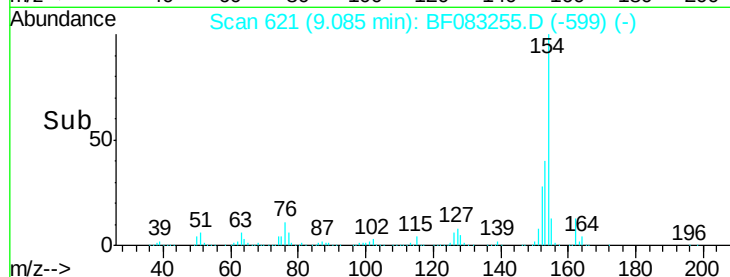
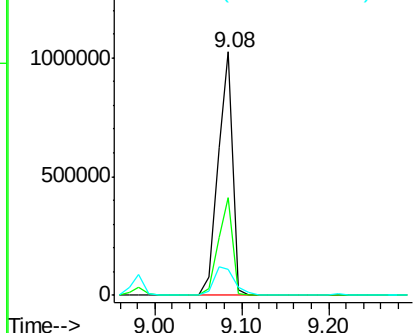
#45
 1,1'-Biphenyl
 Concen: 43.42 ng
 RT: 9.08 min Scan# 621
 Delta R.T. -0.05 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion:154 Resp: 1200266
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.5 60.5
 76 10.9 0.0 31.2

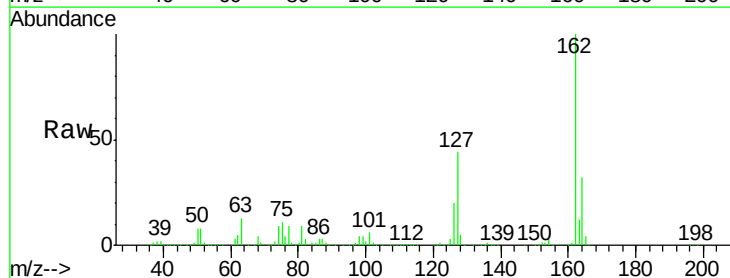


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

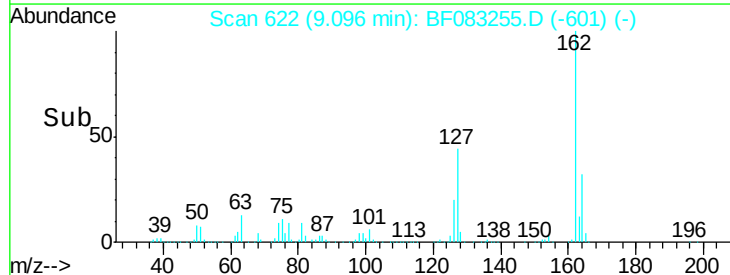
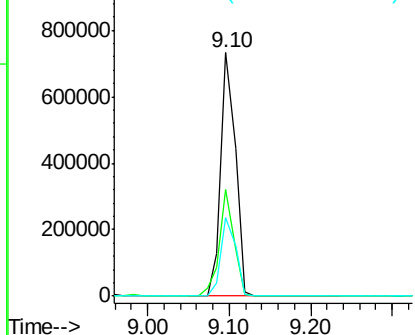


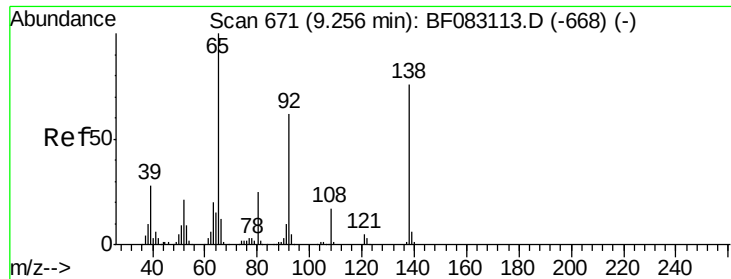
#46
 2-Chloronaphthalene
 Concen: 42.01 ng
 RT: 9.10 min Scan# 622
 Delta R.T. -0.06 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Tgt Ion:162 Resp: 912202
 Ion Ratio Lower Upper
 162 100
 127 43.8 29.4 44.2
 164 32.3 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.84 ng

RT: 9.21 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

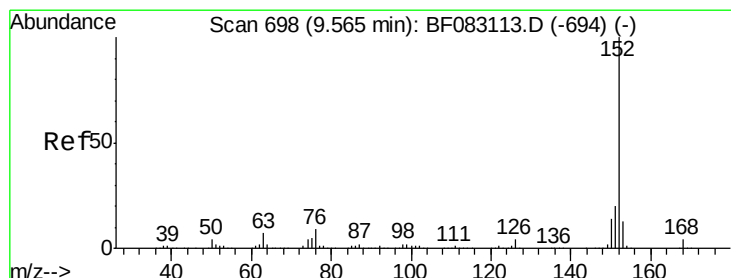
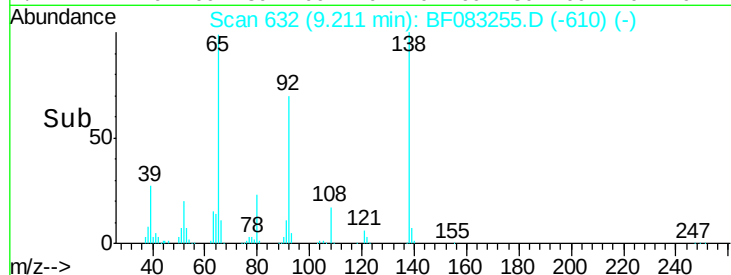
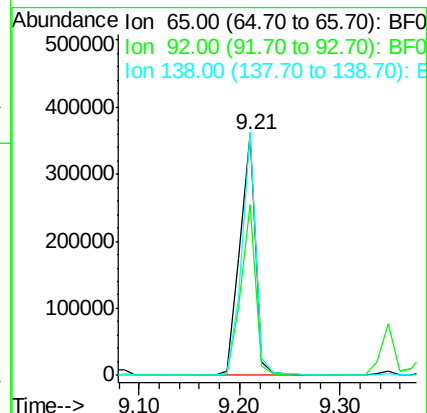
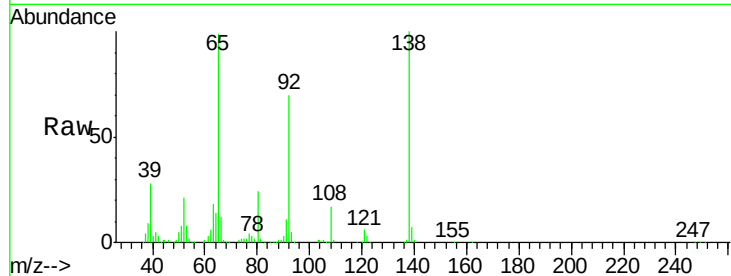
Tgt Ion: 65 Resp: 390487

Ion Ratio Lower Upper

65 100

92 70.7 49.5 74.3

138 101.2 60.7 91.1#



#48

Acenaphthylene

Concen: 43.61 ng

RT: 9.51 min Scan# 658

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

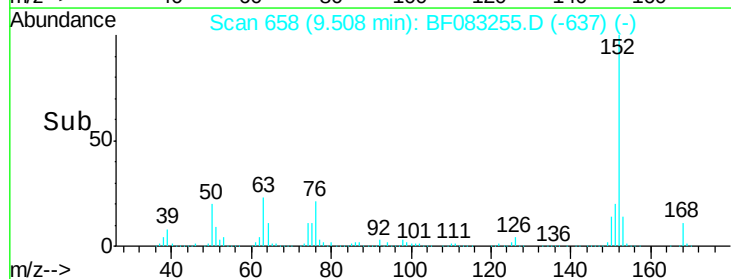
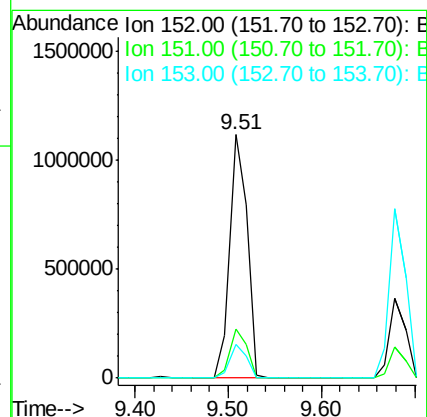
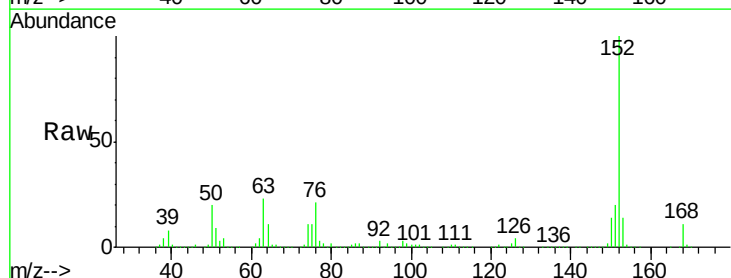
Tgt Ion: 152 Resp: 1467477

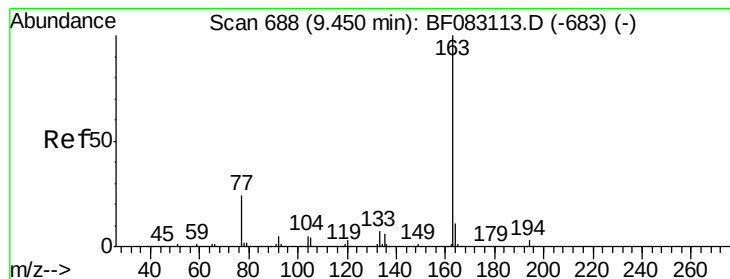
Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 13.8 10.8 16.2





#49

Dimethylphthalate

Concen: 43.94 ng

RT: 9.39 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

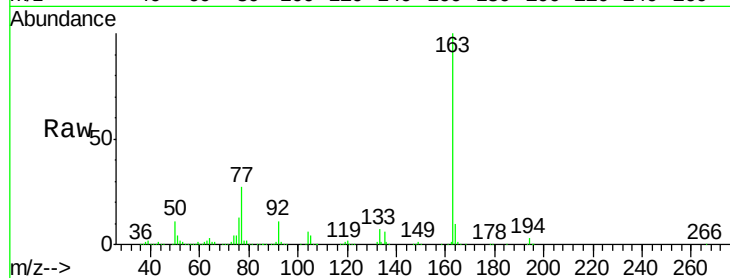
Tgt Ion:163 Resp: 1098653

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

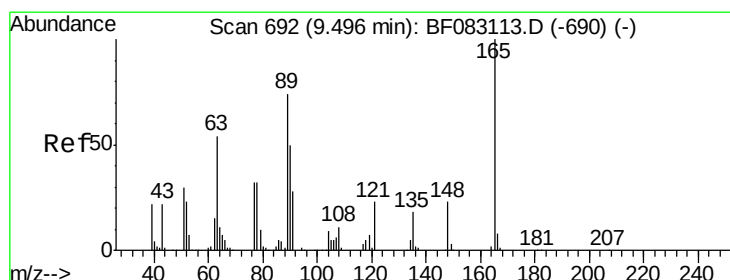
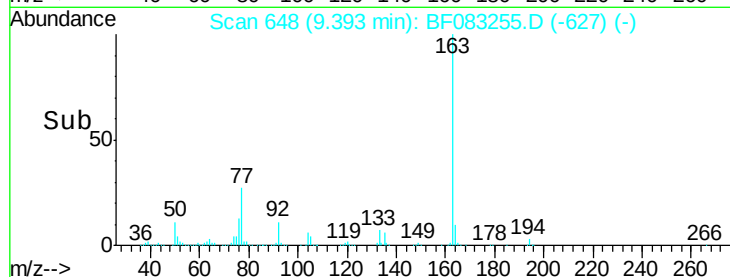
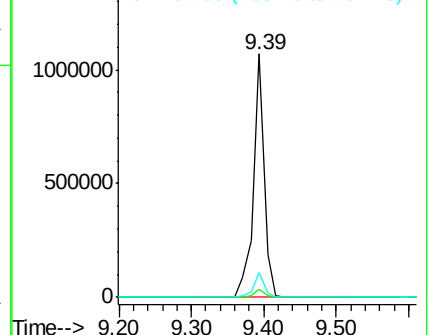
164 10.4 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.37 ng

RT: 9.45 min Scan# 653

Delta R.T. -0.05 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

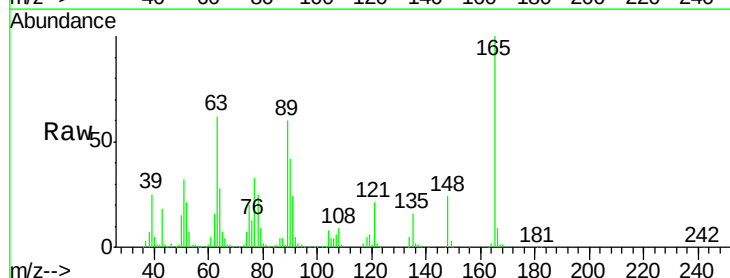
Tgt Ion:165 Resp: 265762

Ion Ratio Lower Upper

165 100

63 62.3 62.5 93.7#

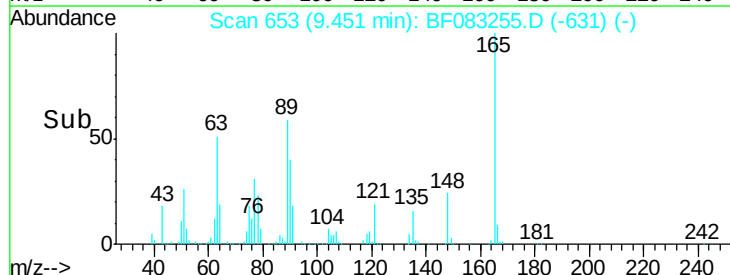
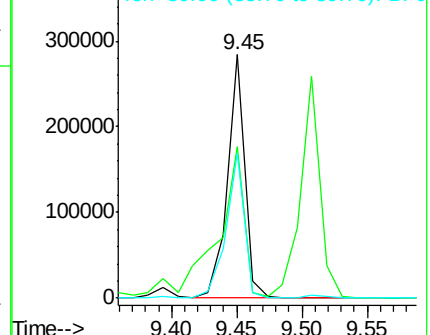
89 59.5 59.1 88.7

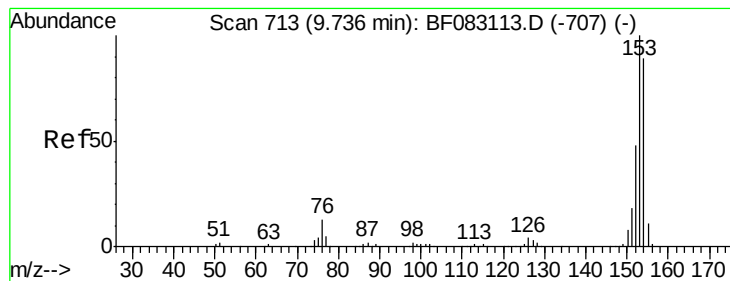


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.41 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

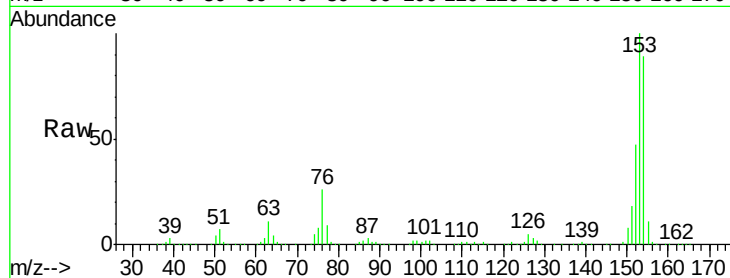
Tgt Ion:154 Resp: 868506

Ion Ratio Lower Upper

154 100

153 112.4 89.6 134.4

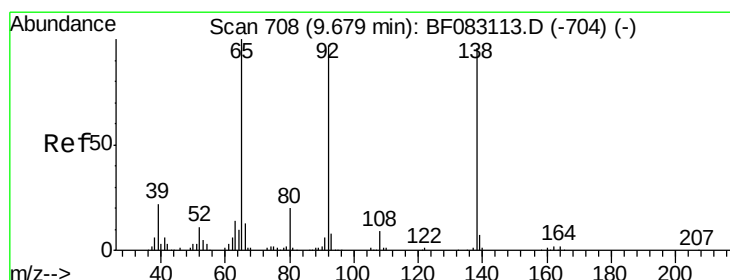
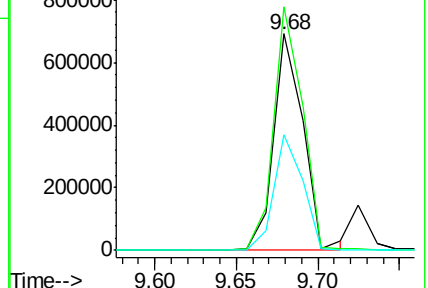
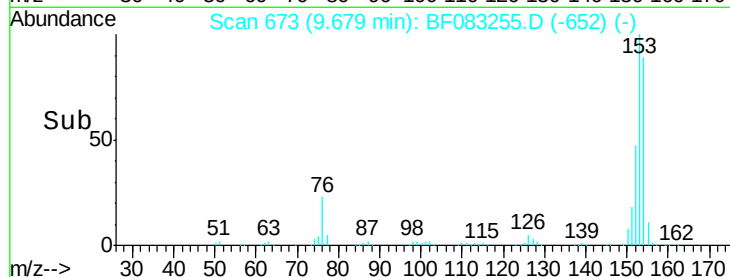
152 53.4 43.3 64.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.01 ng

RT: 9.62 min Scan# 668

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

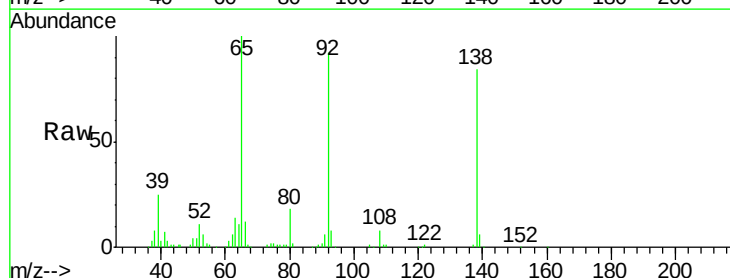
Tgt Ion:138 Resp: 113702

Ion Ratio Lower Upper

138 100

108 9.2 7.8 11.6

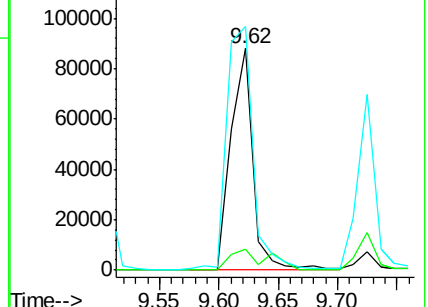
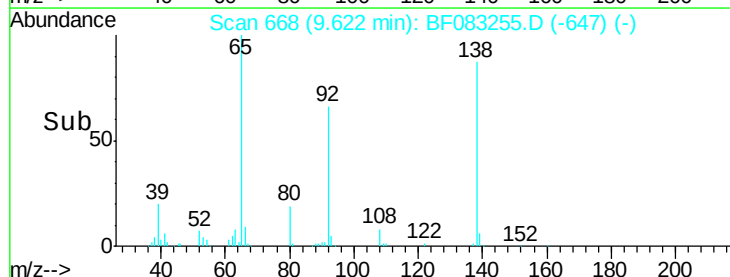
92 109.8 81.1 121.7

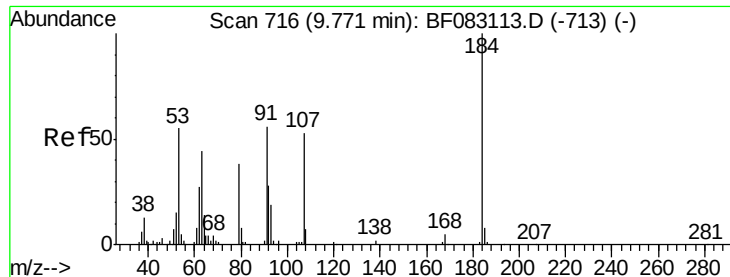


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

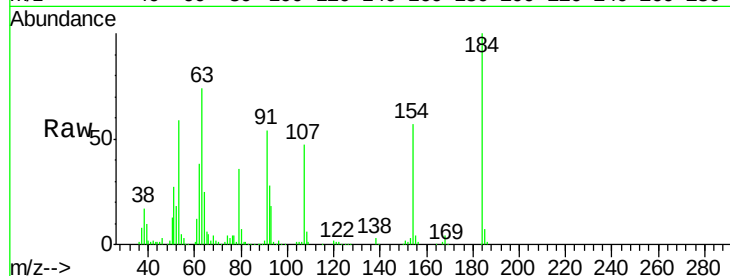




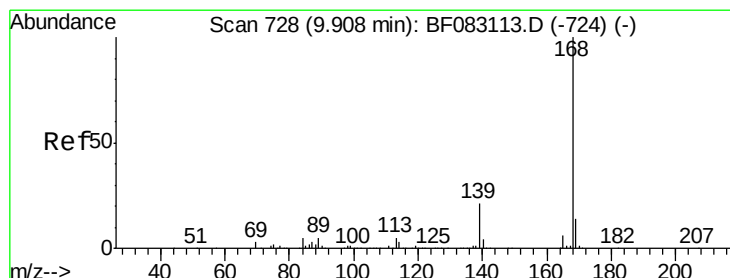
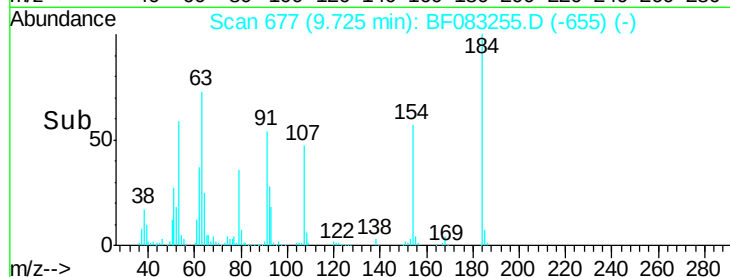
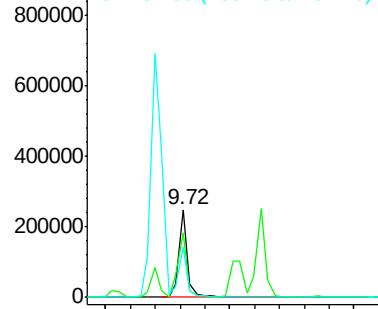
#53
2,4-Dinitrophenol
Concen: 75.46 ng
RT: 9.72 min Scan# 677
Delta R.T. -0.05 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

Tgt Ion:184 Resp: 243923
Ion Ratio Lower Upper
184 100
63 74.0 60.5 90.7
154 57.5 54.3 81.5

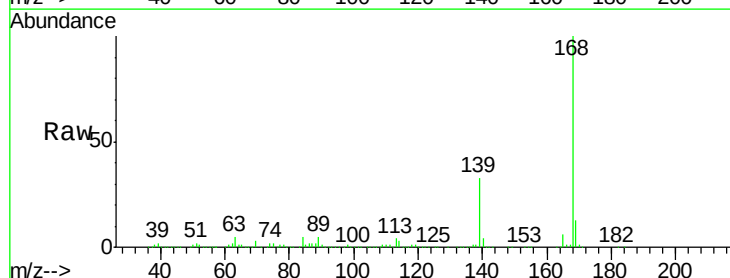


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

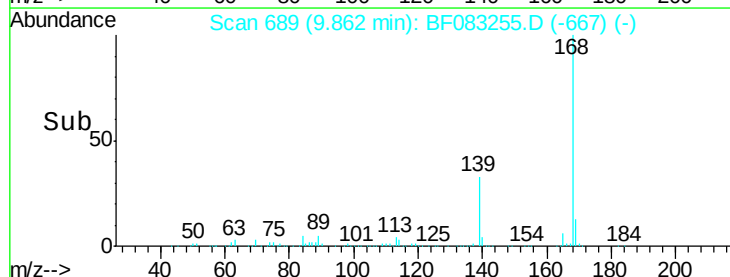
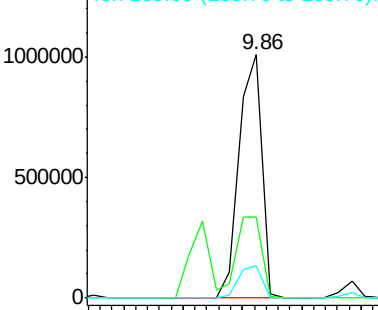


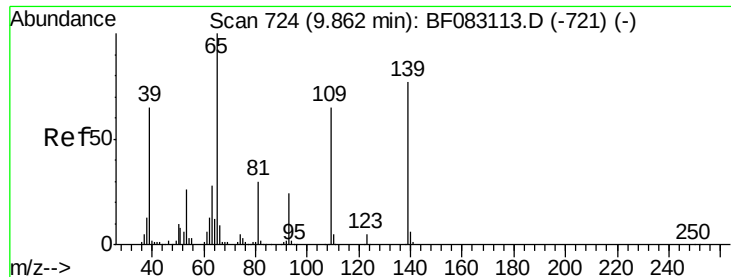
#54
Dibenzofuran
Concen: 46.83 ng
RT: 9.86 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

Tgt Ion:168 Resp: 1356072
Ion Ratio Lower Upper
168 100
139 33.5 30.2 45.2
169 13.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

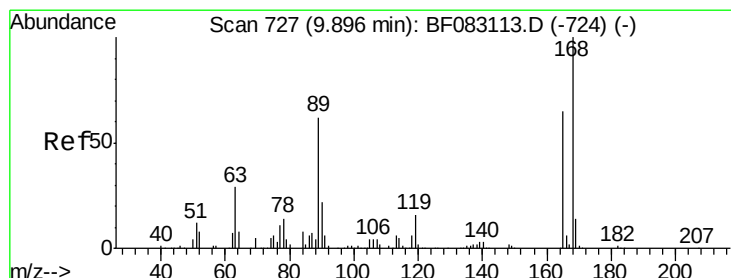
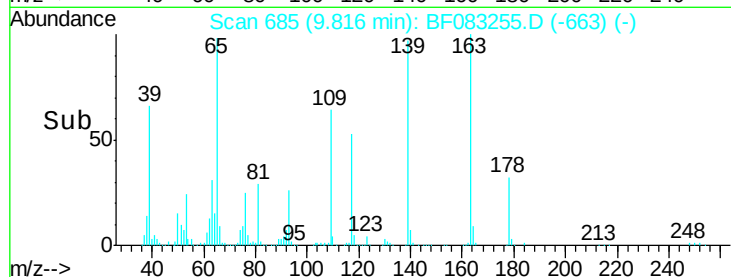
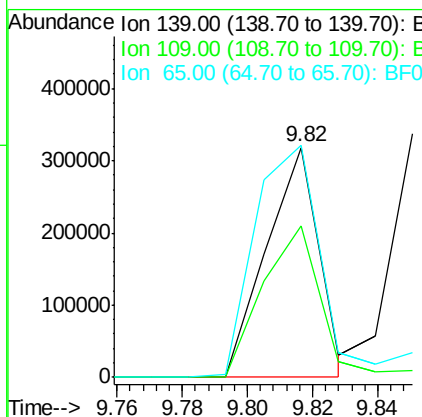
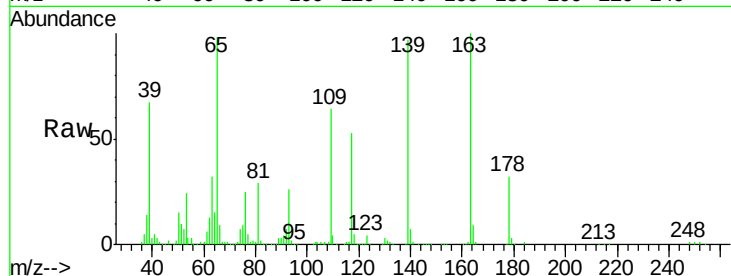




#55
4-Nitrophenol
Concen: 77.78 ng
RT: 9.82 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

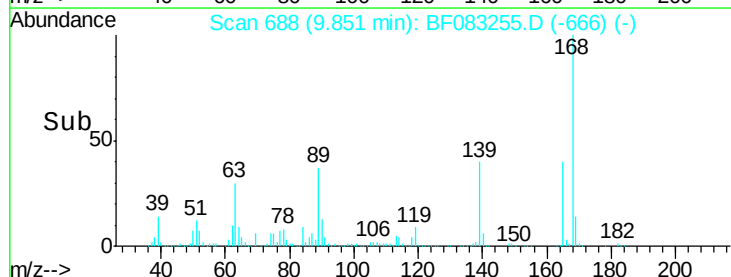
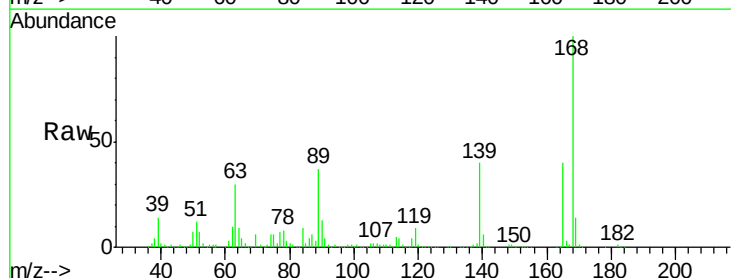
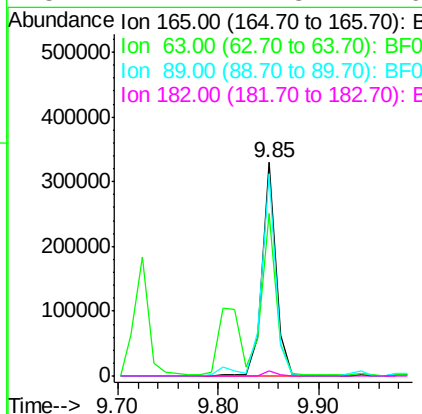
Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

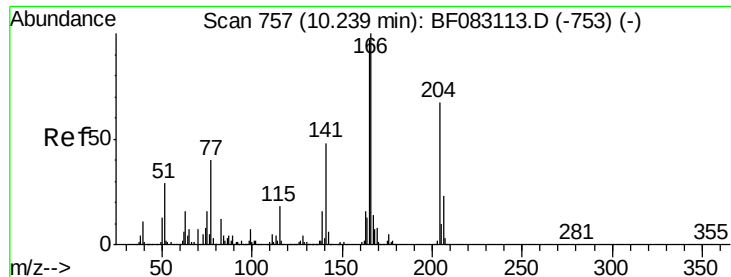
Tgt Ion:139 Resp: 356753
Ion Ratio Lower Upper
139 100
109 66.0 64.0 104.0
65 100.6 109.5 149.5#



#56
2,4-Dinitrotoluene
Concen: 44.93 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

Tgt Ion:165 Resp: 319410
Ion Ratio Lower Upper
165 100
63 76.4 54.5 81.7
89 94.7 77.3 115.9
182 2.1 1.8 2.6

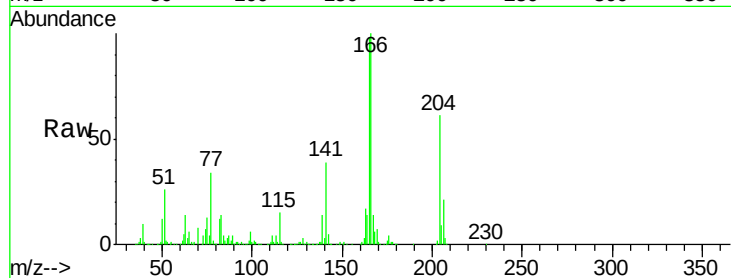




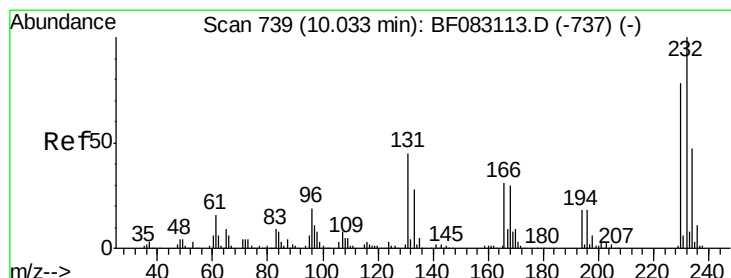
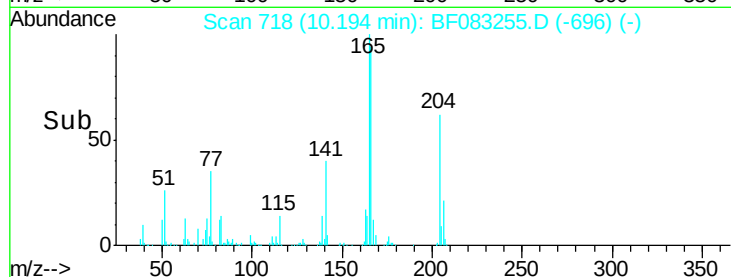
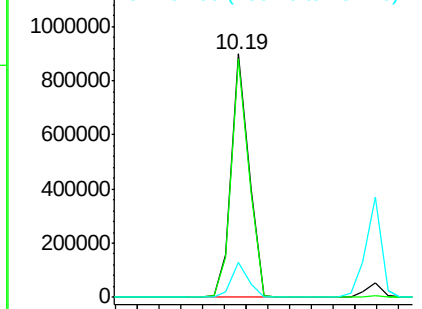
#57
 Fluorene
 Concen: 42.21 ng
 RT: 10.19 min Scan# 718
 Delta R.T. -0.05 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion:166 Resp: 1009979
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.0 117.0
 167 14.3 11.3 16.9

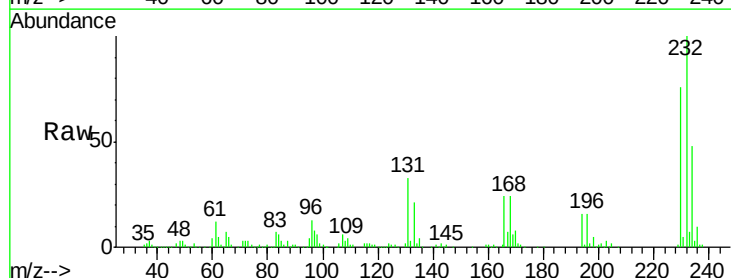


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

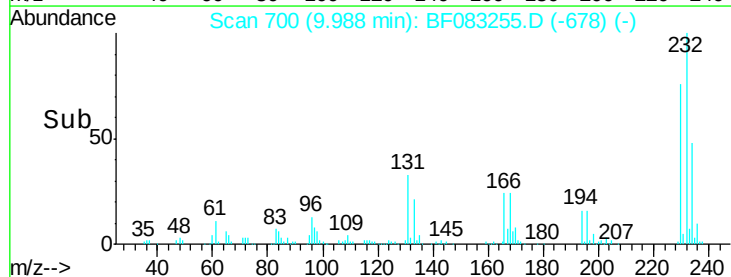
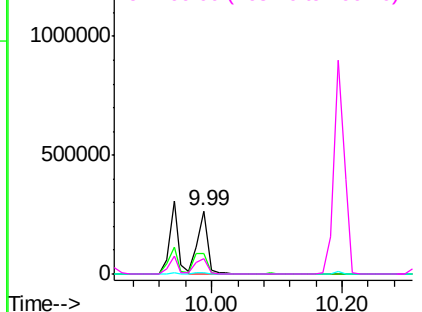


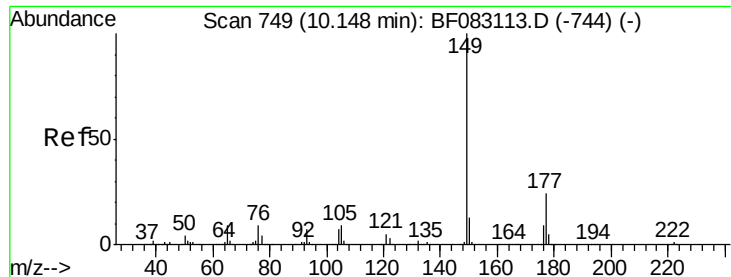
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.46 ng
 RT: 9.99 min Scan# 700
 Delta R.T. -0.05 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Tgt Ion:232 Resp: 287454
 Ion Ratio Lower Upper
 232 100
 131 44.1 38.6 57.8
 130 2.1 1.9 2.9
 166 29.3 25.4 38.0



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

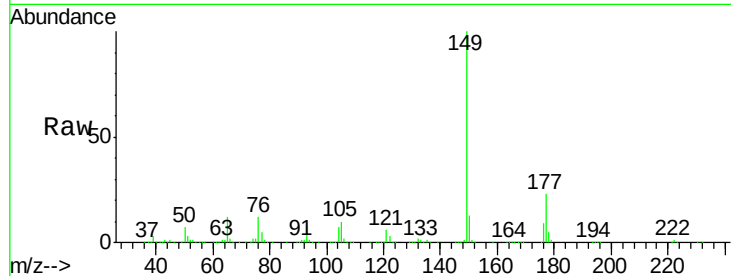




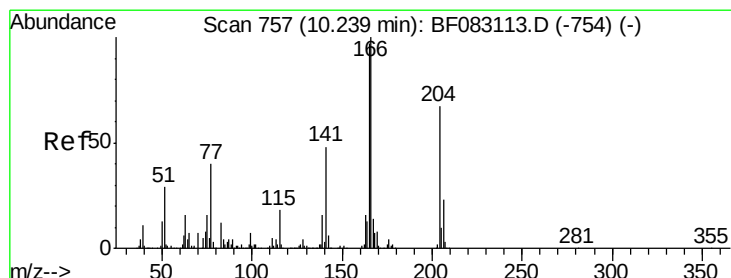
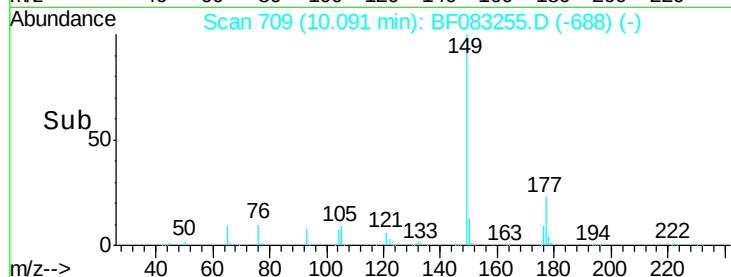
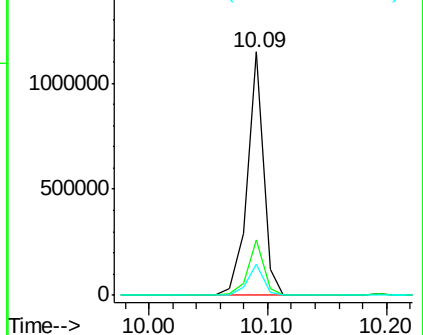
#59
Diethylphthalate
Concen: 44.23 ng
RT: 10.09 min Scan# 709
Delta R.T. -0.06 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

Tgt Ion:149 Resp: 1100940
Ion Ratio Lower Upper
149 100
177 22.8 19.4 29.2
150 13.0 10.2 15.2

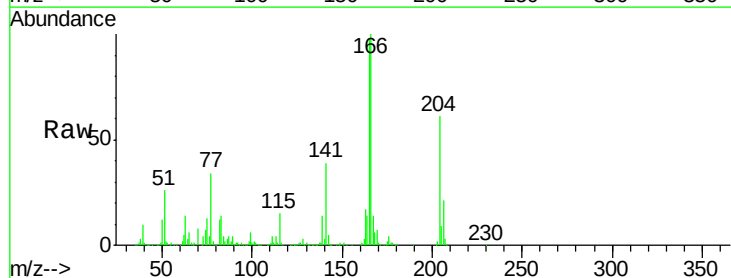


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

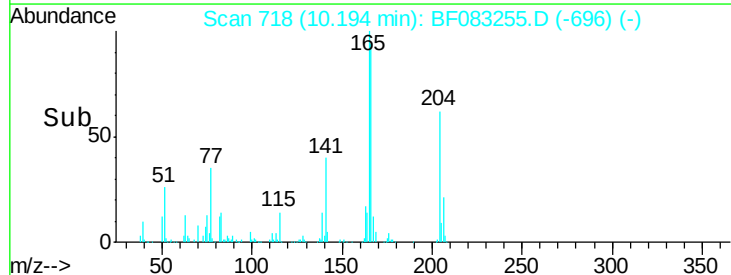
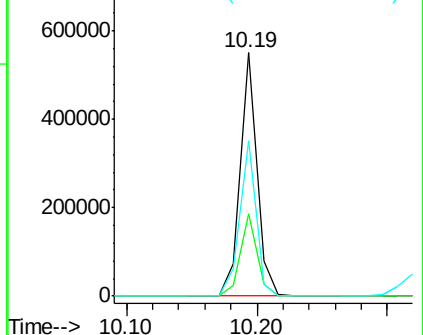


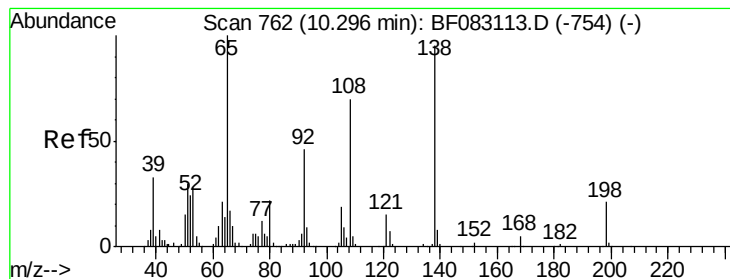
#60
4-Chlorophenyl-phenylether
Concen: 44.31 ng
RT: 10.19 min Scan# 718
Delta R.T. -0.05 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

Tgt Ion:204 Resp: 485612
Ion Ratio Lower Upper
204 100
206 33.6 27.4 41.0
141 63.9 57.4 86.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.90 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

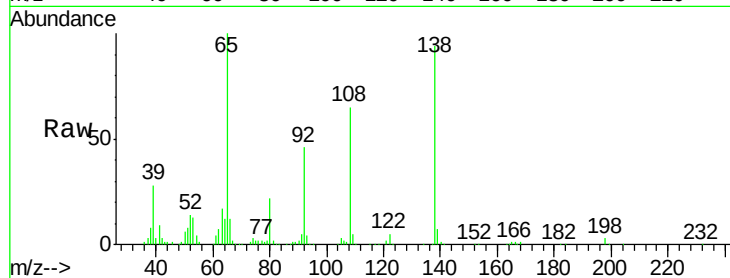
Tgt Ion:138 Resp: 258534

Ion Ratio Lower Upper

138 100

92 48.6 28.4 68.4

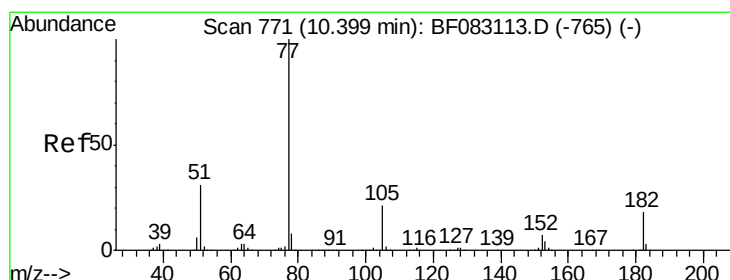
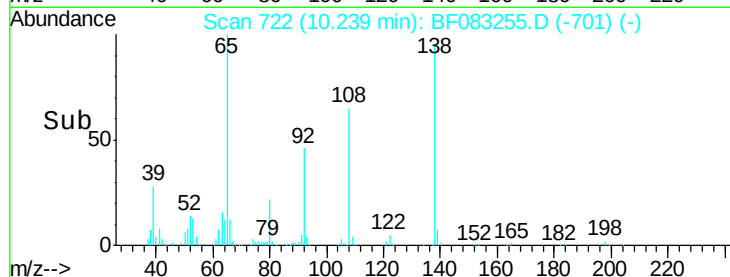
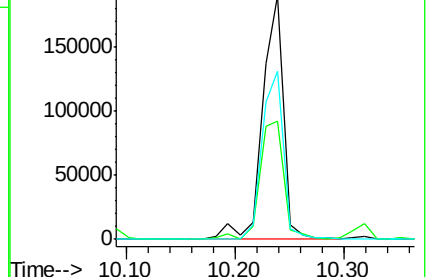
108 68.8 53.5 93.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.37 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.05 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Tgt Ion: 77 Resp: 1431052

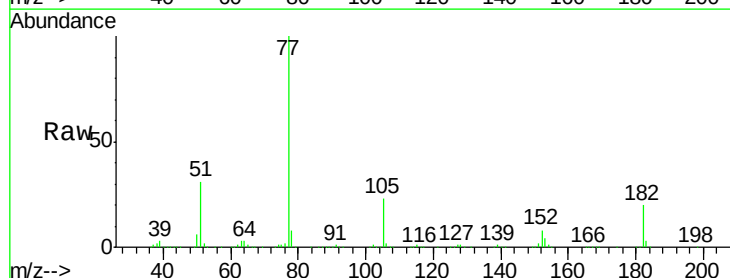
Ion Ratio Lower Upper

77 100

182 20.5 0.0 38.3

105 22.5 1.2 41.2

51 30.9 11.1 51.1

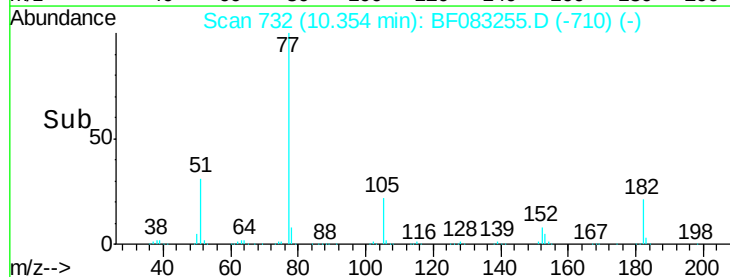
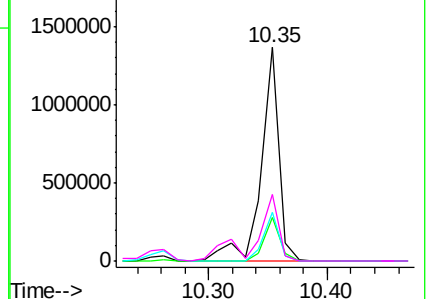


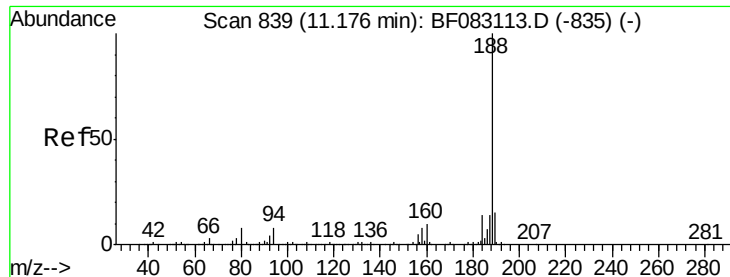
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 799

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

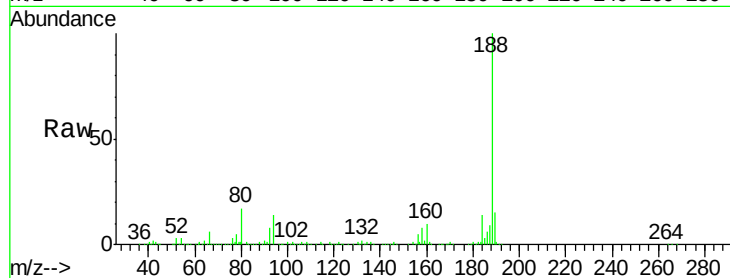
Tgt Ion:188 Resp: 625114

Ion Ratio Lower Upper

188 100

94 14.5 6.0 9.0#

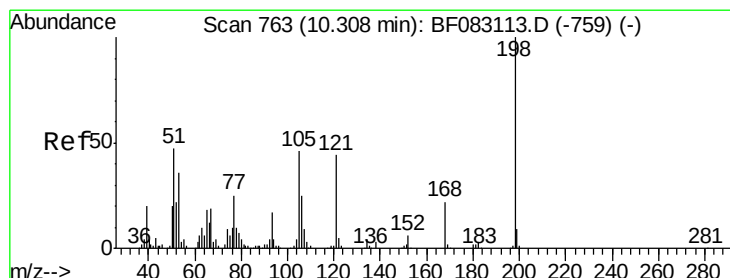
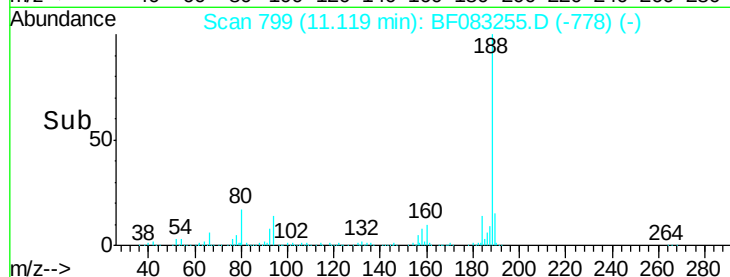
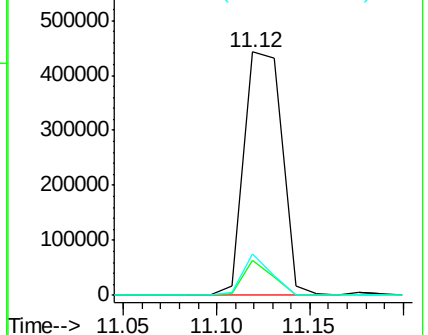
80 16.8 6.7 10.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.11 ng

RT: 10.26 min Scan# 724

Delta R.T. -0.05 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

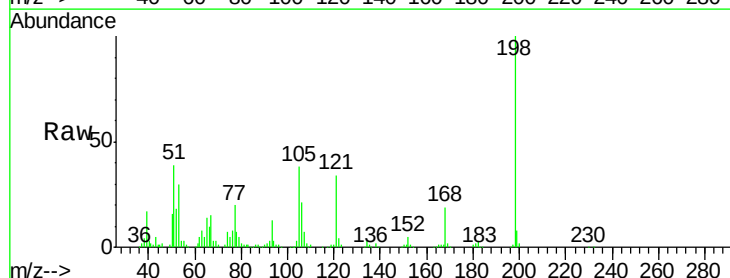
Tgt Ion:198 Resp: 181364

Ion Ratio Lower Upper

198 100

51 38.7 27.0 67.0

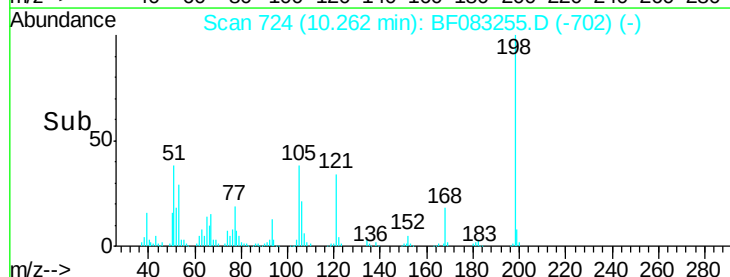
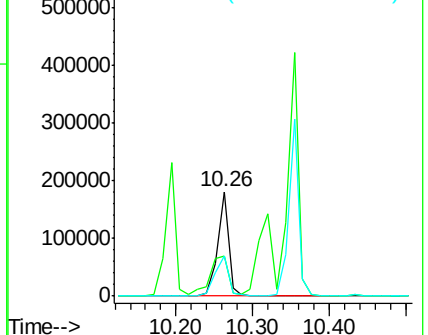
105 38.0 26.1 66.1

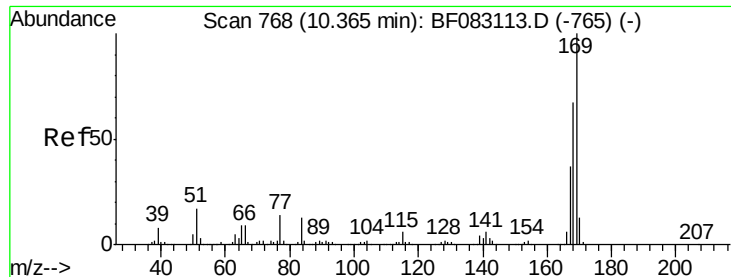


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.63 ng

RT: 10.32 min Scan# 729

Delta R.T. -0.05 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

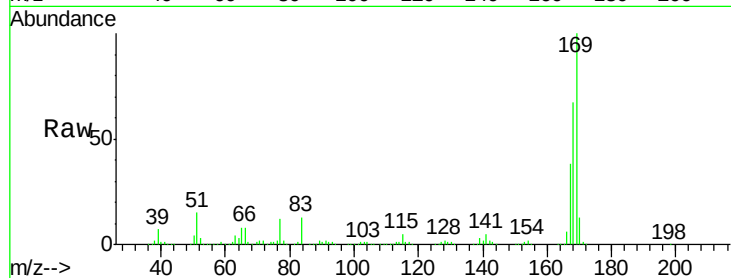
Tgt Ion:169 Resp: 970235

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.6

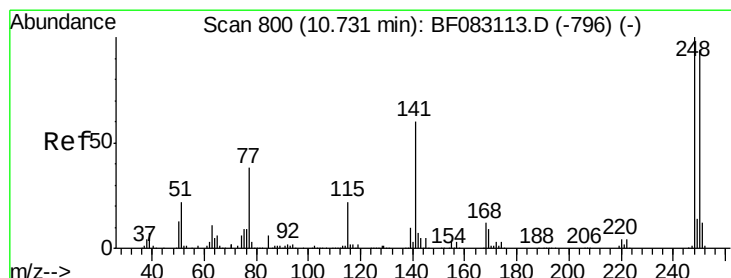
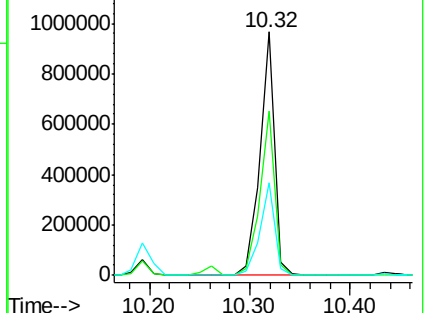
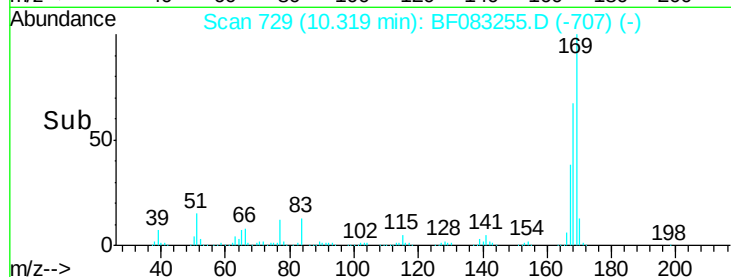
167 38.2 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.24 ng

RT: 10.68 min Scan# 761

Delta R.T. -0.05 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

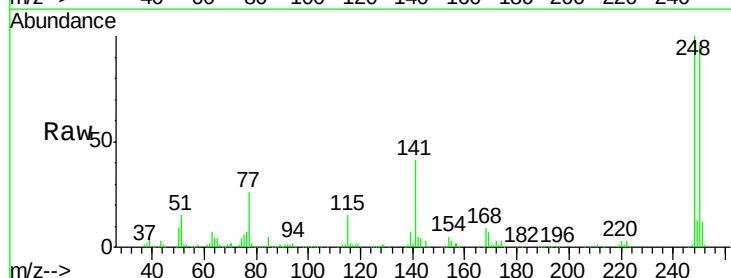
Tgt Ion:248 Resp: 299934

Ion Ratio Lower Upper

248 100

250 96.0 75.4 113.2

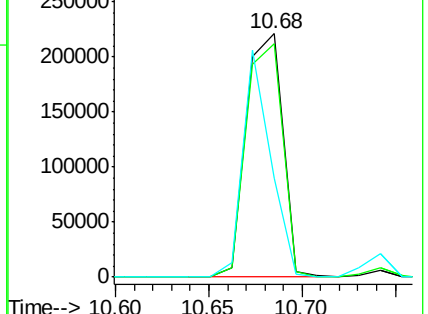
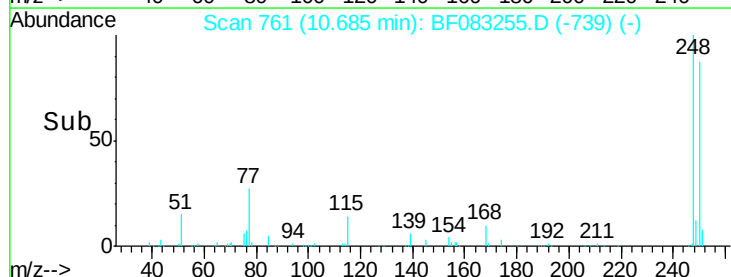
141 40.8 48.1 72.1#

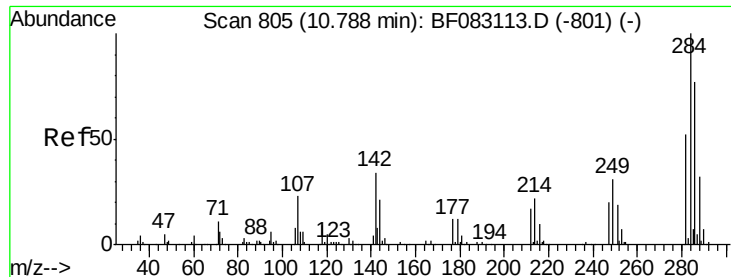


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

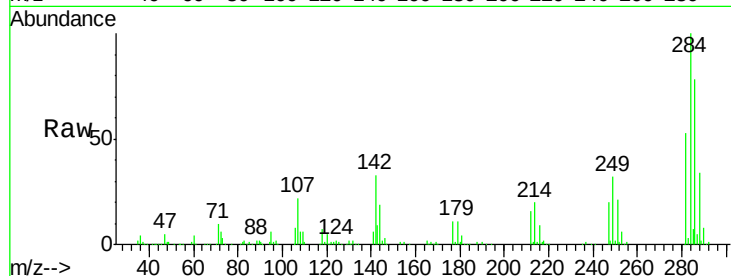




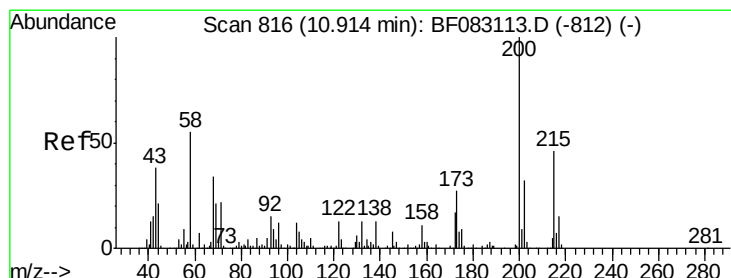
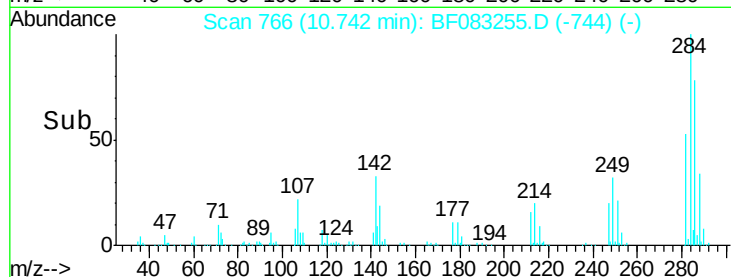
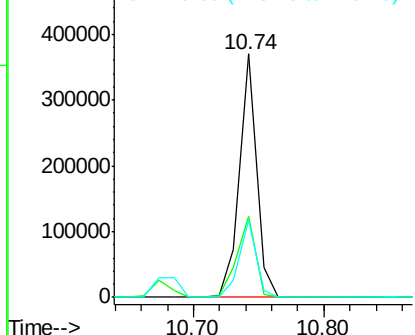
#67
Hexachlorobenzene
Concen: 44.37 ng
RT: 10.74 min Scan# 766
Delta R.T. -0.05 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

Tgt Ion:284 Resp: 338907
Ion Ratio Lower Upper
284 100
142 33.3 27.6 41.4
249 31.9 25.5 38.3

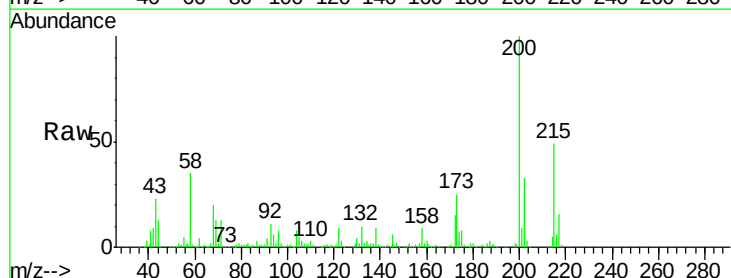


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

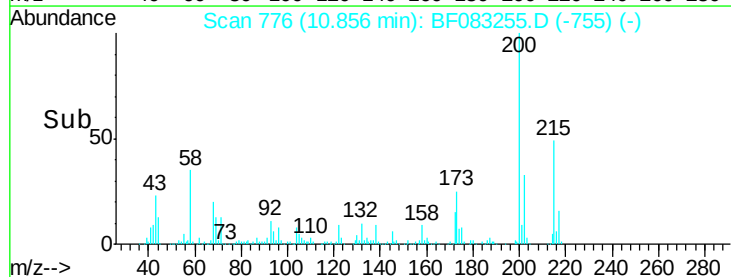
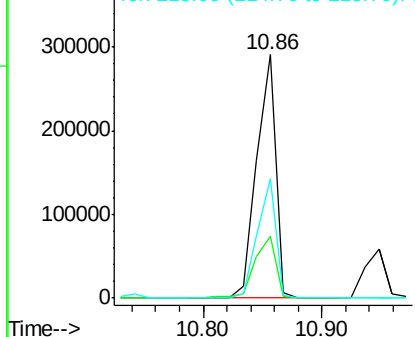


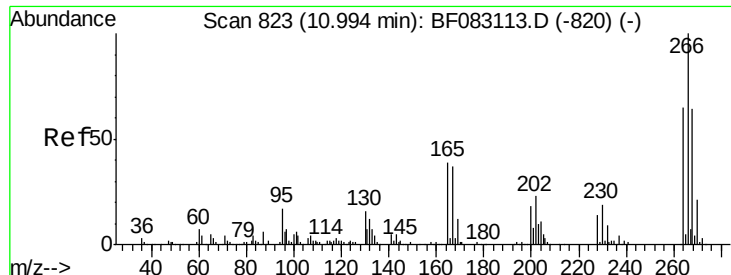
#68
Atrazine
Concen: 53.04 ng
RT: 10.86 min Scan# 776
Delta R.T. -0.06 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

Tgt Ion:200 Resp: 327482
Ion Ratio Lower Upper
200 100
173 25.2 7.2 47.2
215 48.9 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

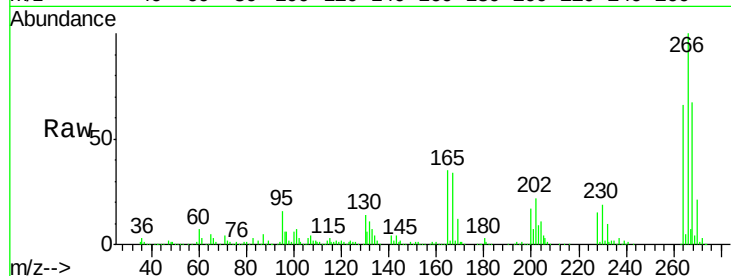




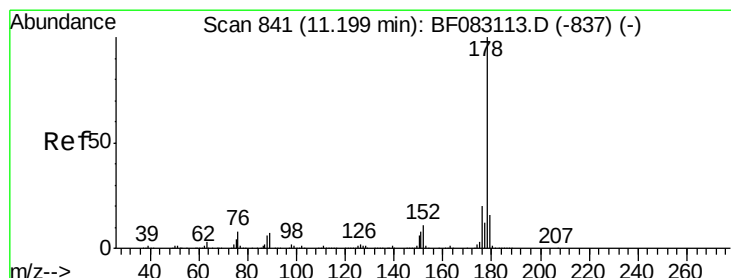
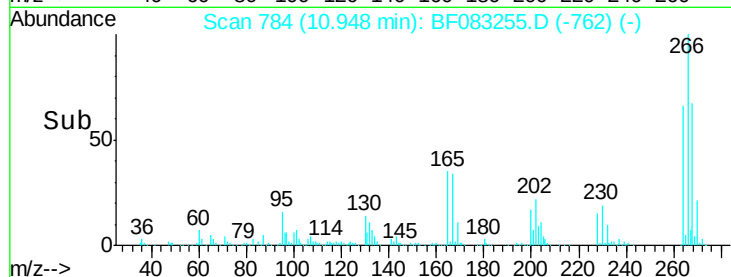
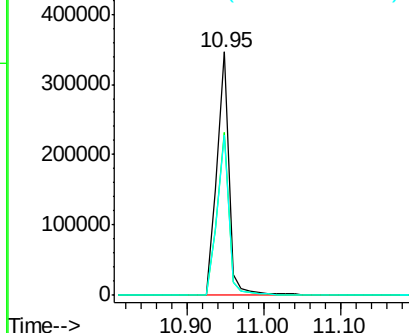
#69
 Pentachlorophenol
 Concen: 77.01 ng
 RT: 10.95 min Scan# 784
 Delta R.T. -0.05 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion:266 Resp: 383188
 Ion Ratio Lower Upper
 266 100
 268 67.1 51.4 77.0
 264 65.9 51.7 77.5

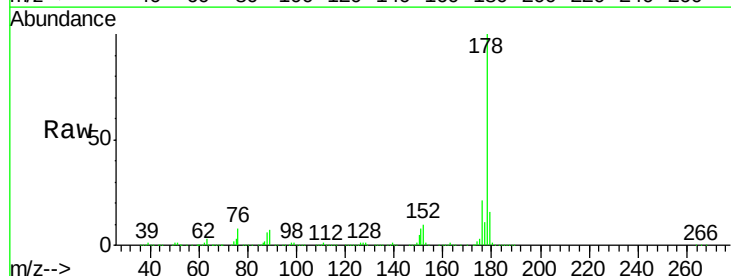


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

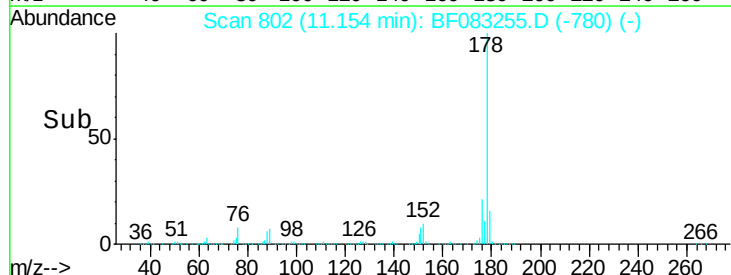
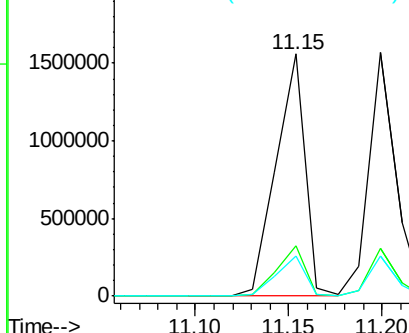


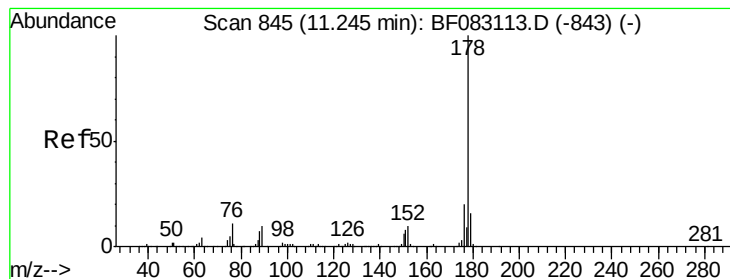
#70
 Phenanthrene
 Concen: 46.92 ng
 RT: 11.15 min Scan# 802
 Delta R.T. -0.05 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Tgt Ion:178 Resp: 1689916
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.2 24.2
 179 16.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.15 ng

RT: 11.20 min Scan# 806

Delta R.T. -0.05 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

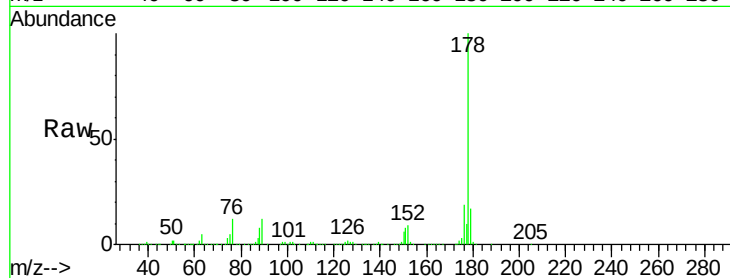
Tgt Ion:178 Resp: 1548811

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

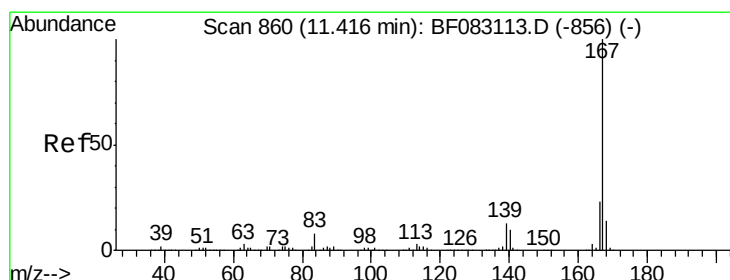
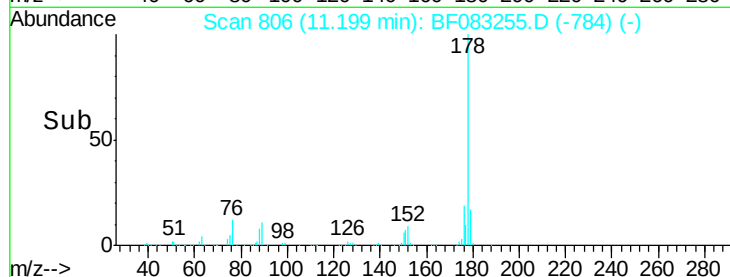
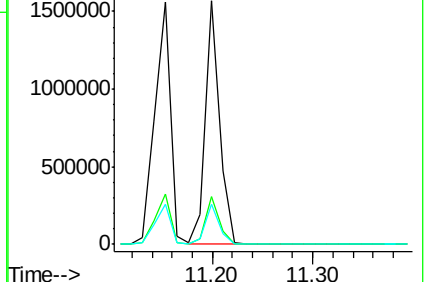
179 16.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.17 ng

RT: 11.36 min Scan# 820

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

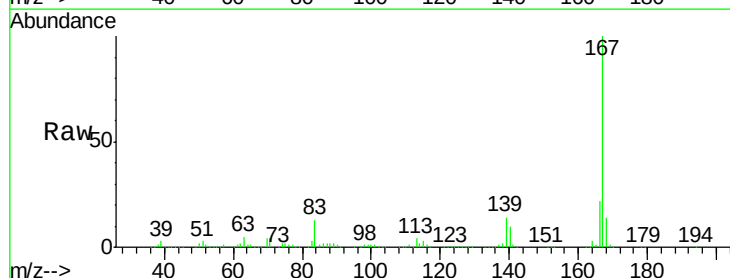
Tgt Ion:167 Resp: 1409978

Ion Ratio Lower Upper

167 100

166 22.0 18.0 27.0

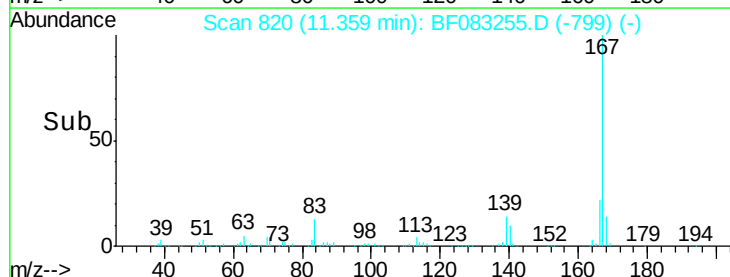
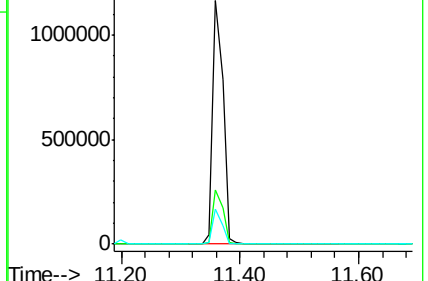
139 14.2 10.5 15.7

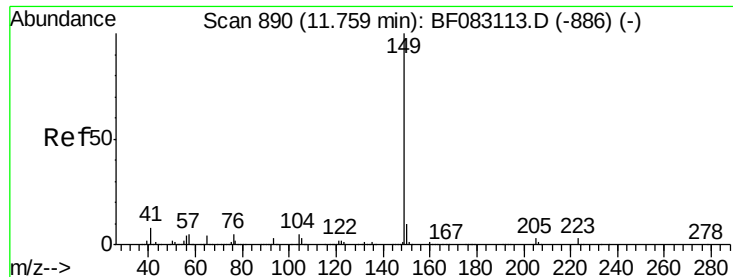


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.54 ng

RT: 11.70 min Scan# 850

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

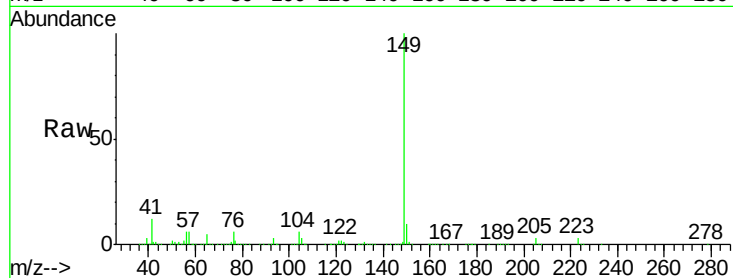
Tgt Ion:149 Resp: 1695815

Ion Ratio Lower Upper

149 100

150 9.9 8.0 12.0

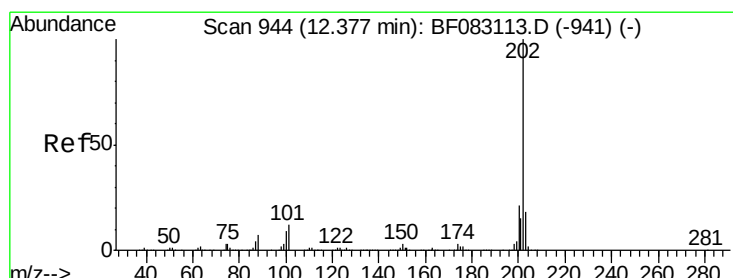
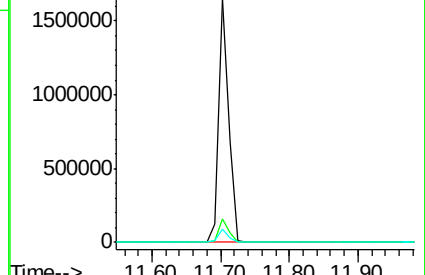
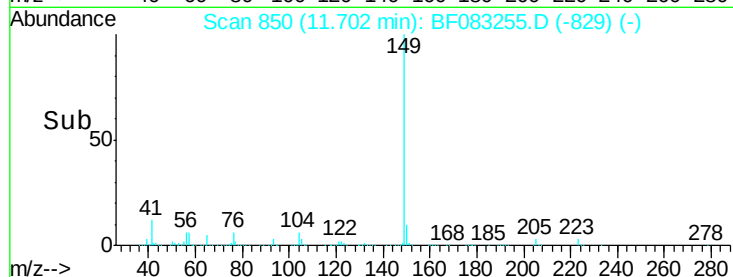
104 5.5 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.75 ng

RT: 12.33 min Scan# 905

Delta R.T. -0.05 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

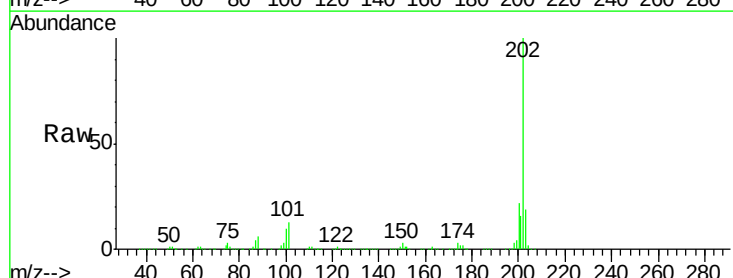
Tgt Ion:202 Resp: 1612635

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.3

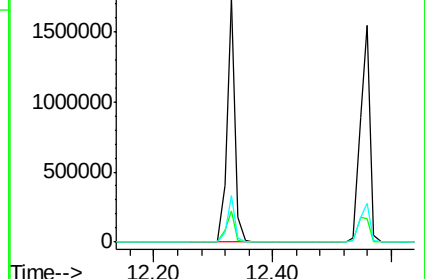
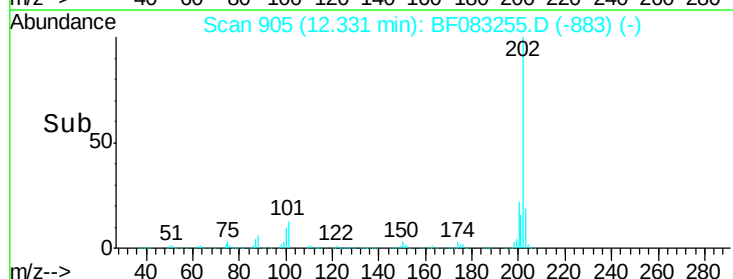
203 18.9 0.0 38.4

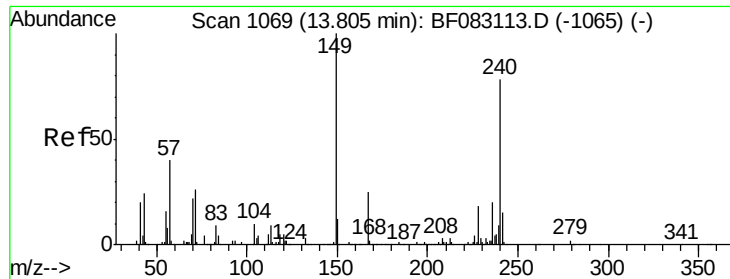


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

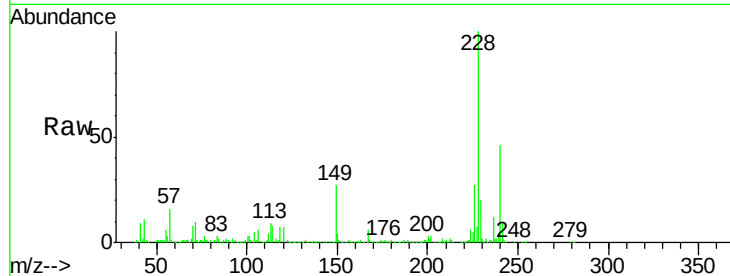
Tgt Ion:240 Resp: 475175

Ion Ratio Lower Upper

240 100

120 16.3 5.4 8.2#

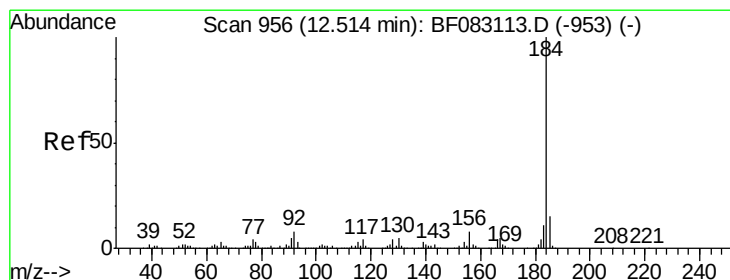
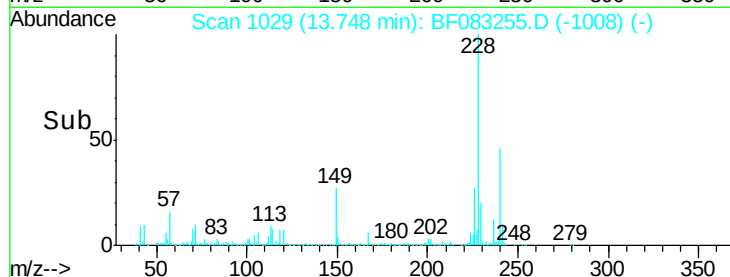
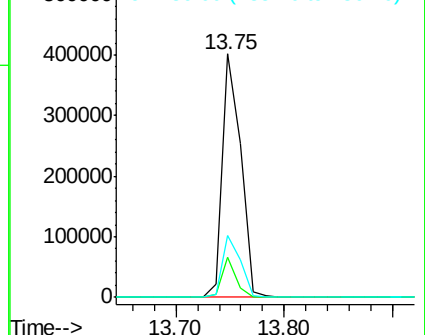
236 25.5 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 60.79 ng

RT: 12.47 min Scan# 917

Delta R.T. -0.05 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

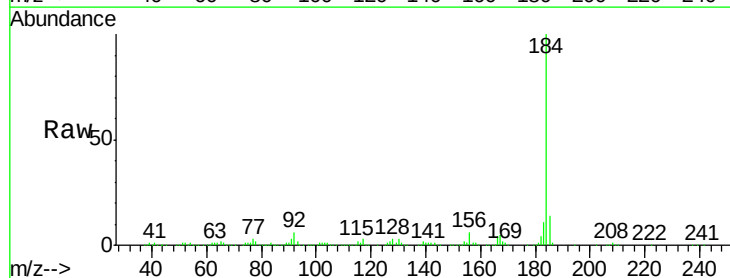
Tgt Ion:184 Resp: 757042

Ion Ratio Lower Upper

184 100

185 13.7 11.7 17.5

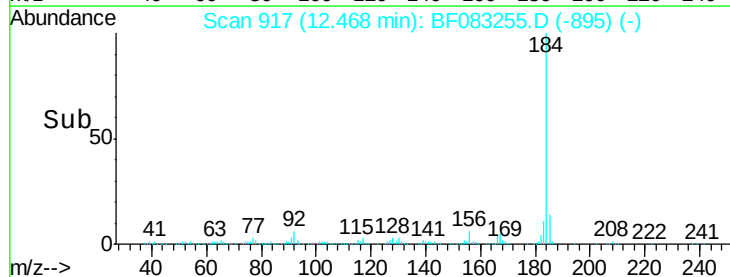
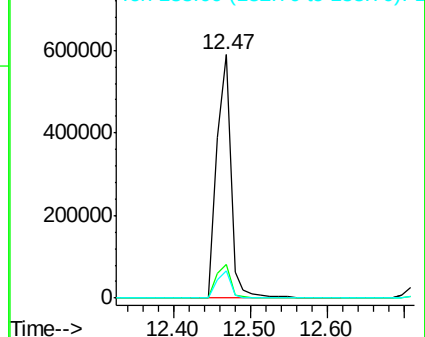
183 11.0 8.8 13.2

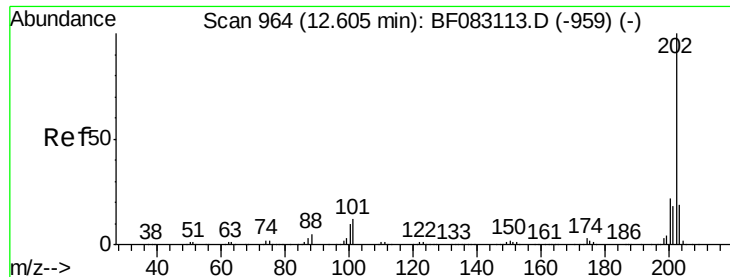


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

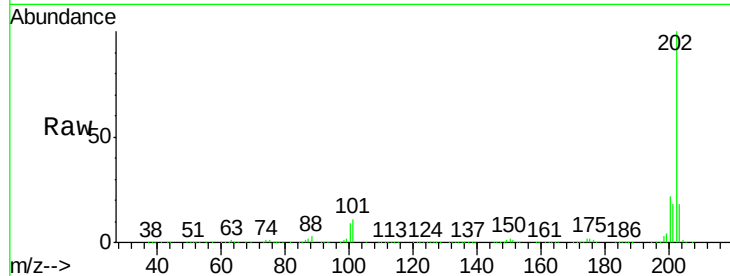




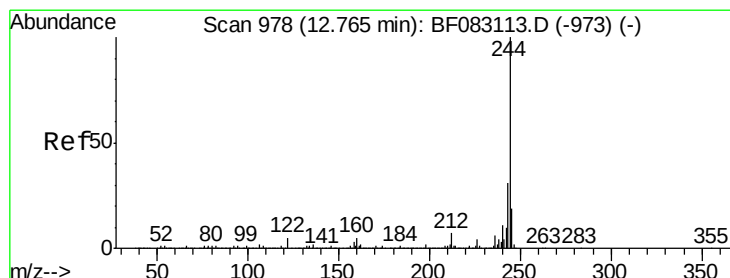
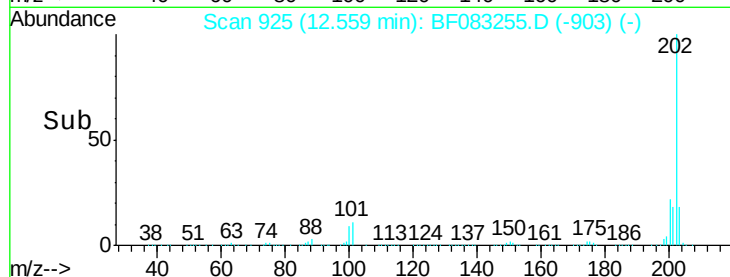
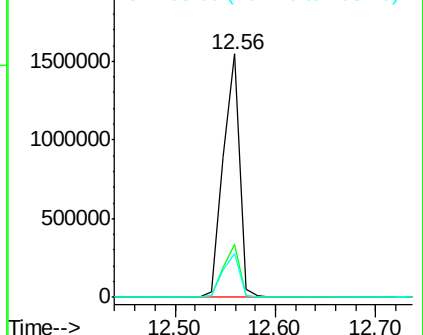
#77
 Pyrene
 Concen: 53.53 ng
 RT: 12.56 min Scan# 925
 Delta R.T. -0.05 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion: 202 Resp: 1737752
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.8 26.6
 203 18.1 15.0 22.4

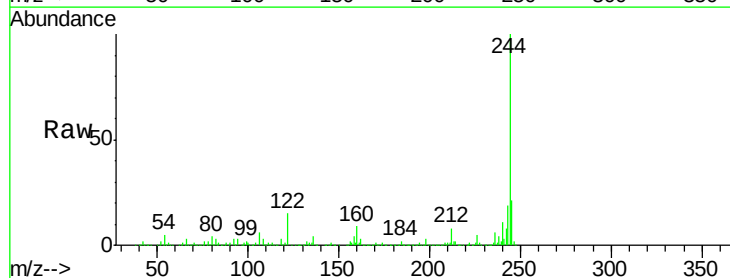


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

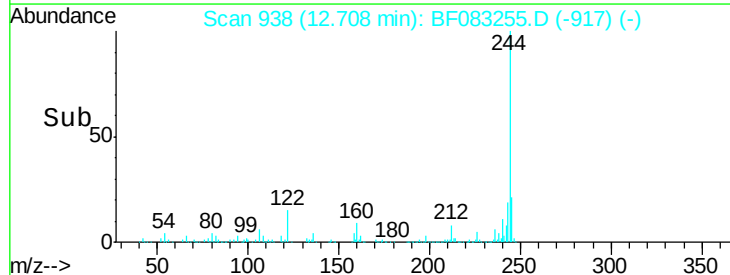
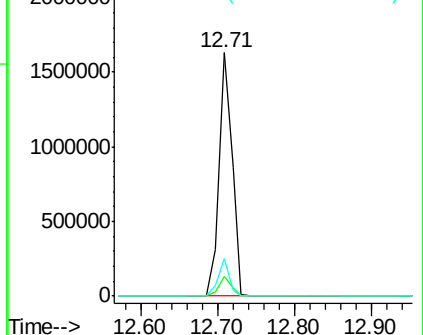


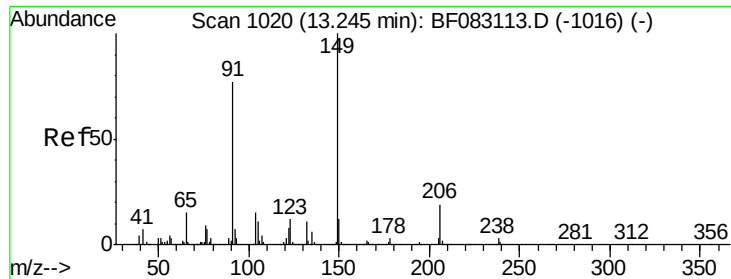
#78
 Terphenyl-d14
 Concen: 96.20 ng
 RT: 12.71 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Tgt Ion: 244 Resp: 1941168
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 15.3 4.3 6.5#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

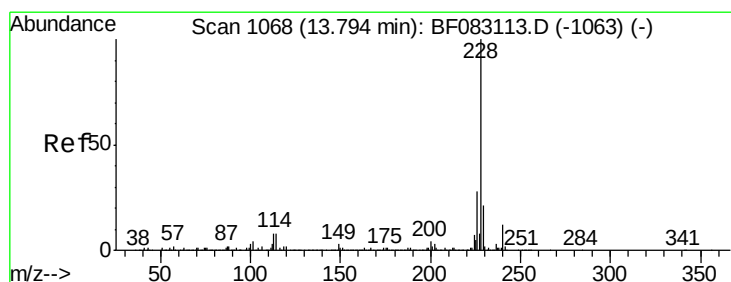
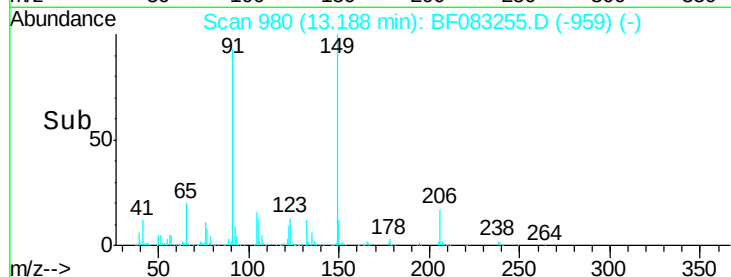
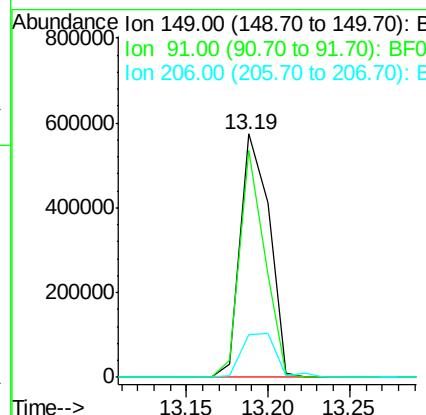
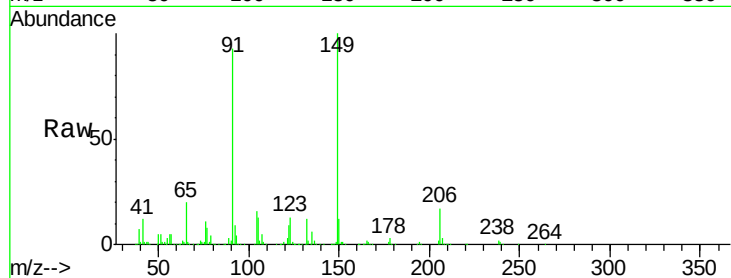




#79
Butylbenzylphthalate
Concen: 45.82 ng
RT: 13.19 min Scan# 980
Delta R.T. -0.06 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

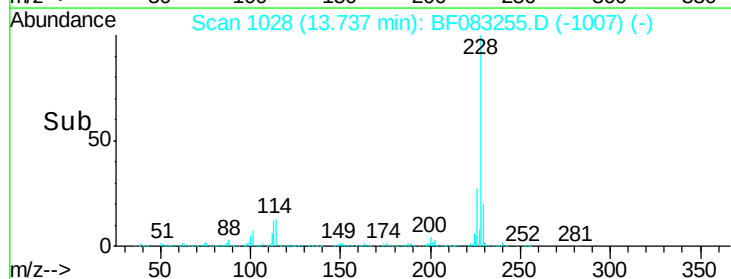
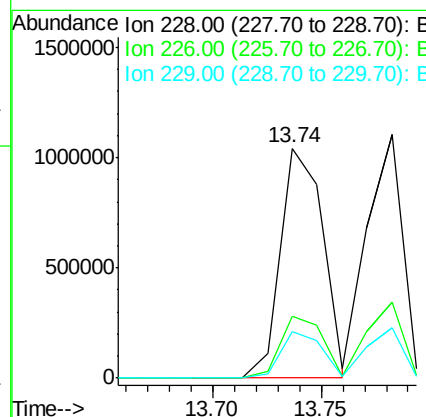
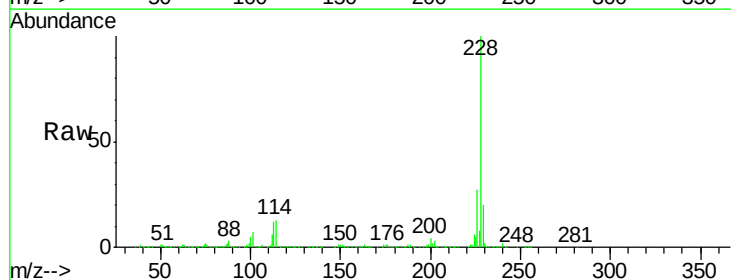
Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

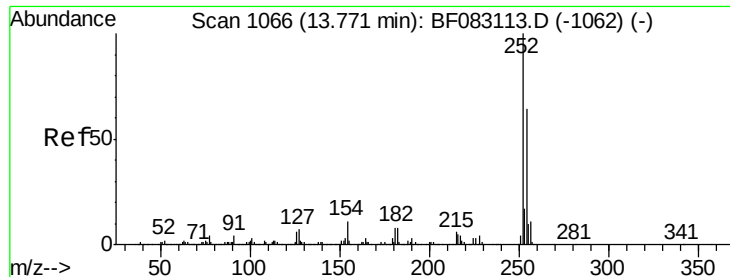
Tgt Ion:149 Resp: 704023
Ion Ratio Lower Upper
149 100
91 93.1 61.5 92.3#
206 17.3 15.3 22.9



#80
Benzo(a)anthracene
Concen: 48.39 ng
RT: 13.74 min Scan# 1028
Delta R.T. -0.06 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

Tgt Ion:228 Resp: 1422075
Ion Ratio Lower Upper
228 100
226 26.9 22.6 33.8
229 20.2 16.6 24.8

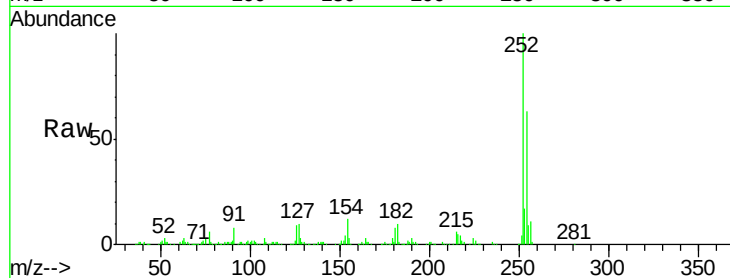




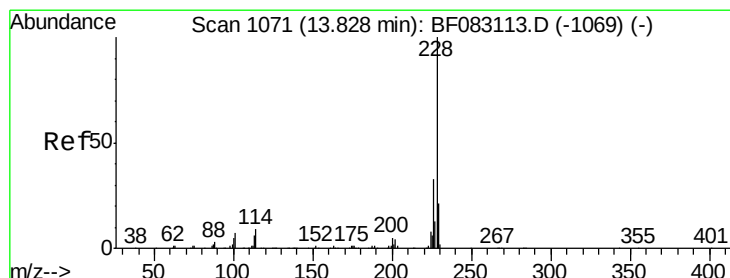
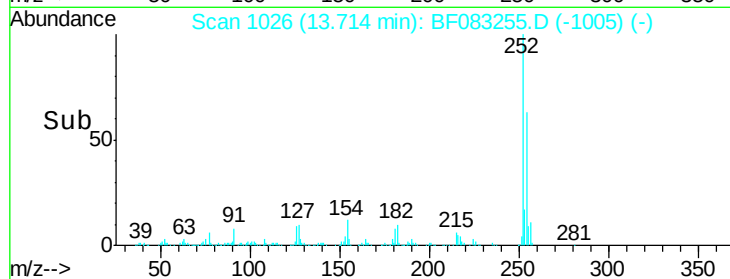
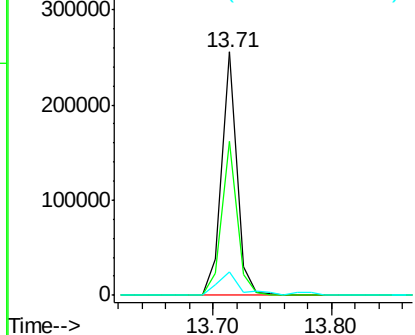
#81
 3,3'-Dichlorobenzidine
 Concen: 22.16 ng
 RT: 13.71 min Scan# 1026
 Delta R.T. -0.06 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion:252 Resp: 226685
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.5 77.3
 126 9.5 5.2 7.8#

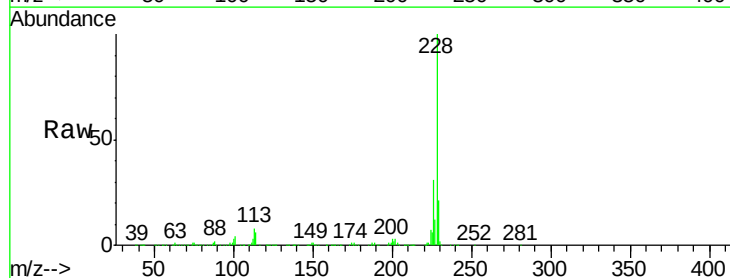


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

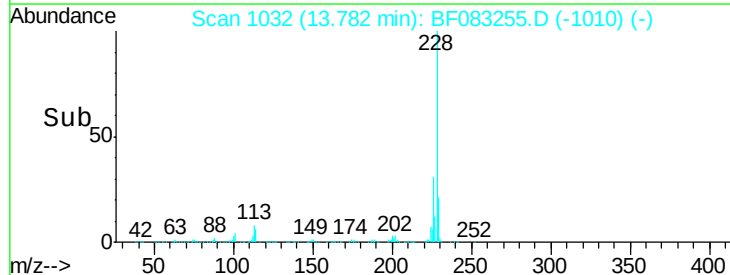
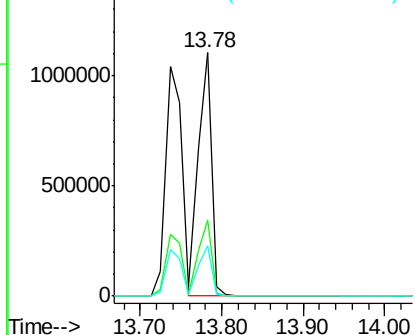


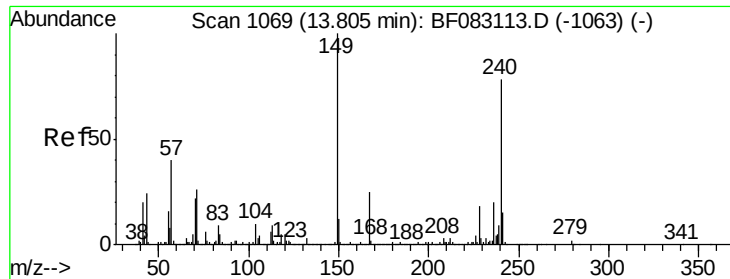
#82
 Chrysene
 Concen: 46.43 ng
 RT: 13.78 min Scan# 1032
 Delta R.T. -0.05 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Tgt Ion:228 Resp: 1265436
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.5 38.3
 229 20.7 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

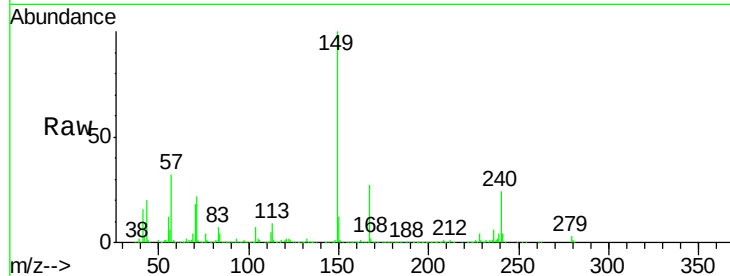




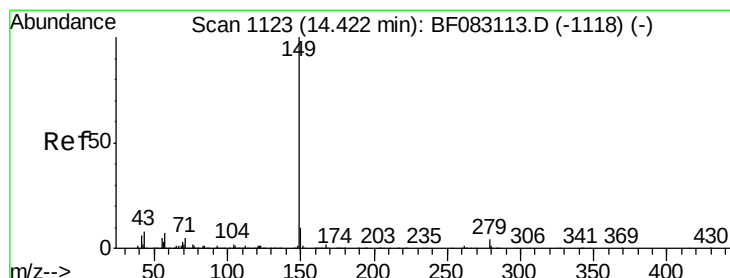
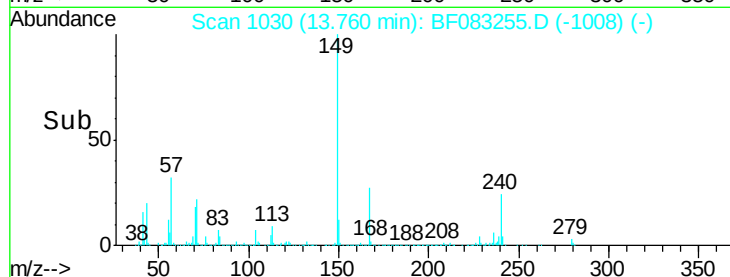
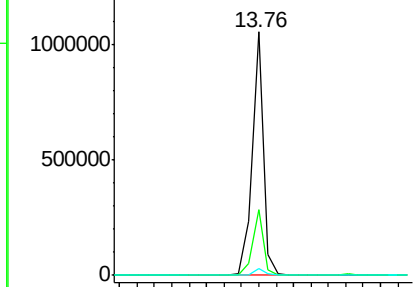
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.69 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion:149 Resp: 956944
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.1 30.1
 279 3.1 1.7 2.5#

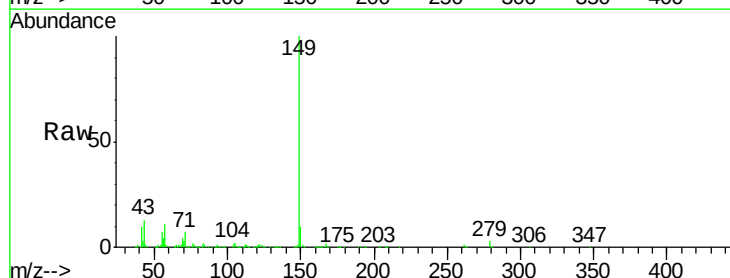


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

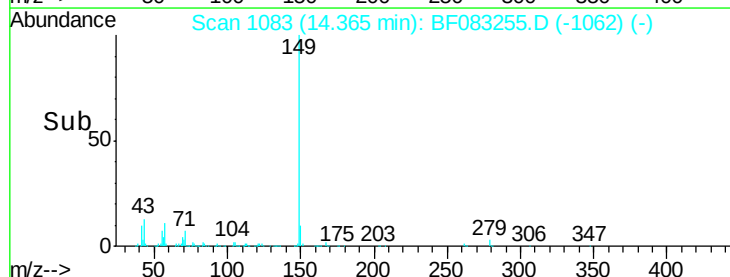
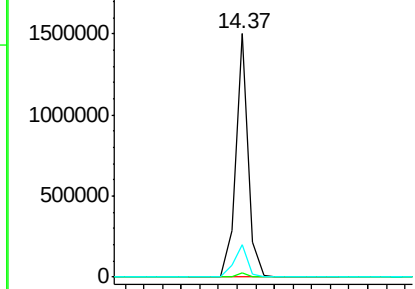


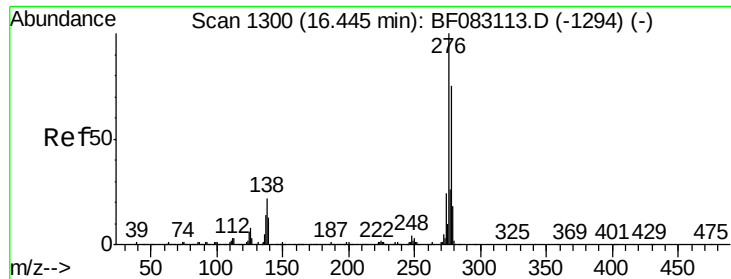
#84
 Di-n-octyl phthalate
 Concen: 40.18 ng
 RT: 14.37 min Scan# 1083
 Delta R.T. -0.06 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Tgt Ion:149 Resp: 1388070
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 14.3 9.5 14.3#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

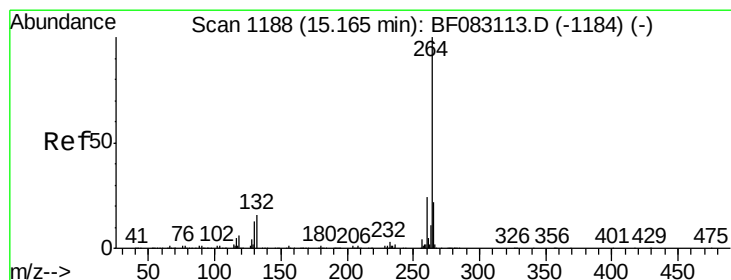
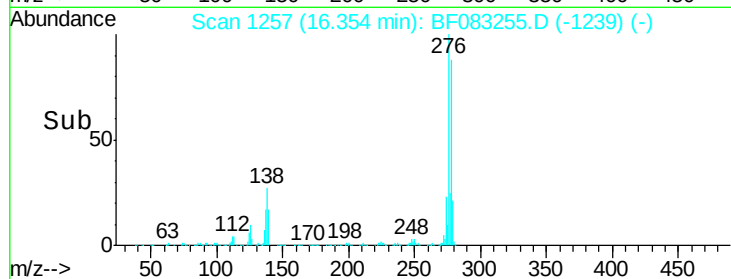
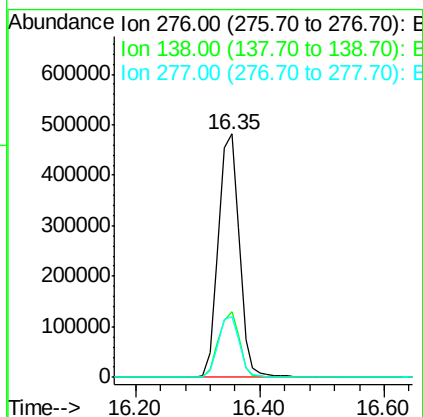
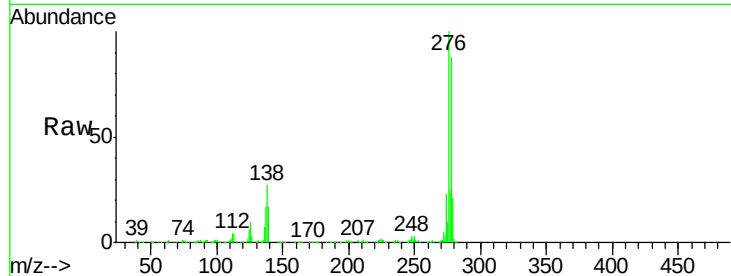




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.44 ng
 RT: 16.35 min Scan# 1257
 Delta R.T. -0.09 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

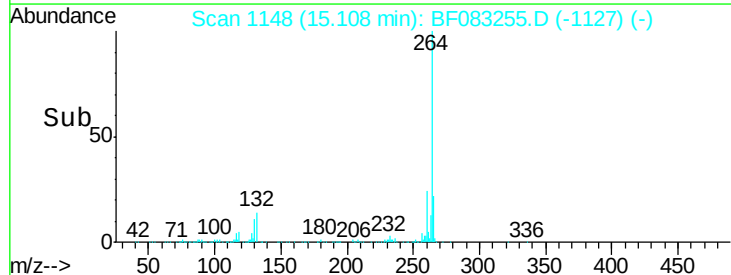
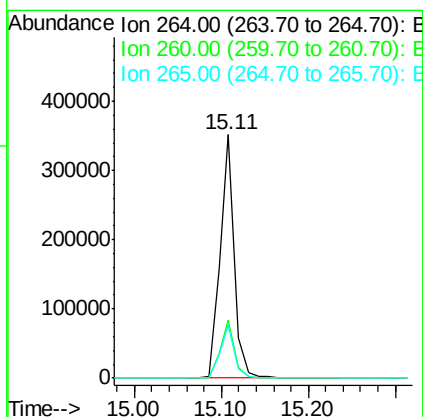
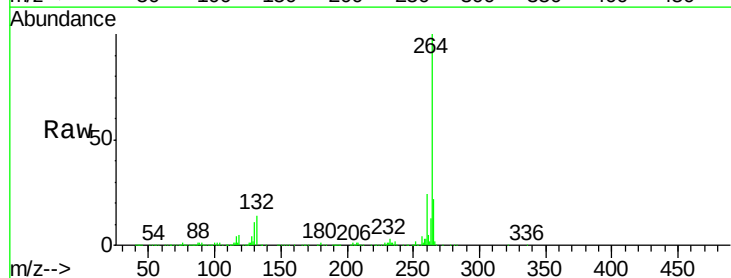
Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

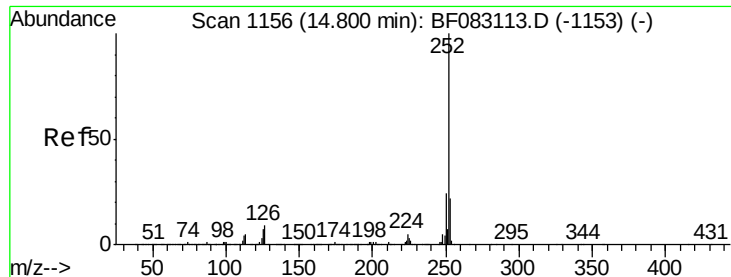
Tgt Ion:276 Resp: 1126372
 Ion Ratio Lower Upper
 276 100
 138 26.7 18.0 27.0
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1148
 Delta R.T. -0.06 min
 Lab File: BF083255.D
 Acq: 25 Nov 2015 00:07

Tgt Ion:264 Resp: 403577
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.6 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 75.27 ng

RT: 14.74 min Scan# 1116

Delta R.T. -0.06 min

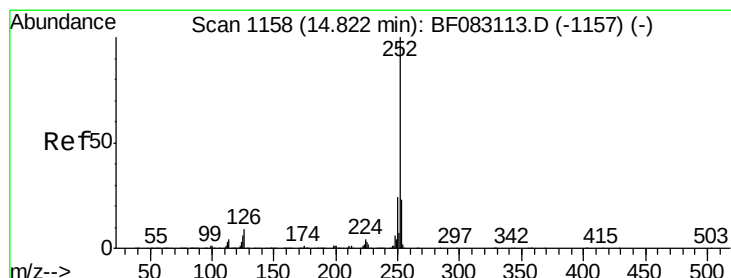
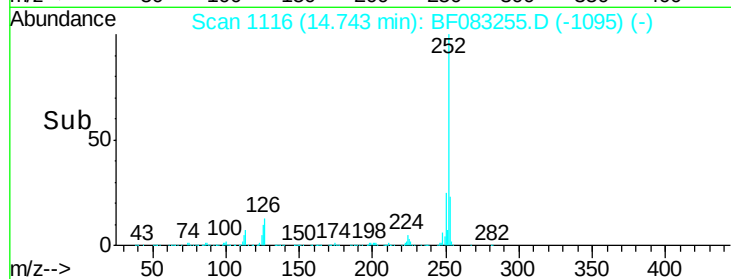
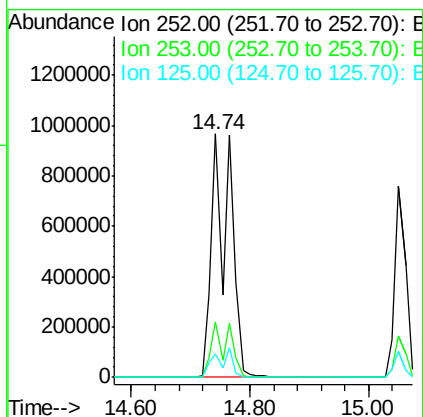
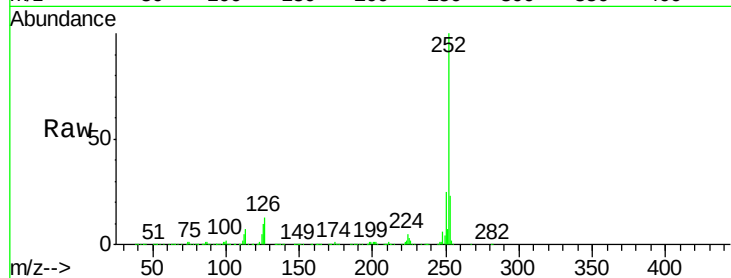
Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

Tgt Ion:252 Resp: 2075668

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	9.8	5.6	8.4#



#88

Benzo(k)fluoranthene

Concen: 101.03 ng

RT: 14.74 min Scan# 1116

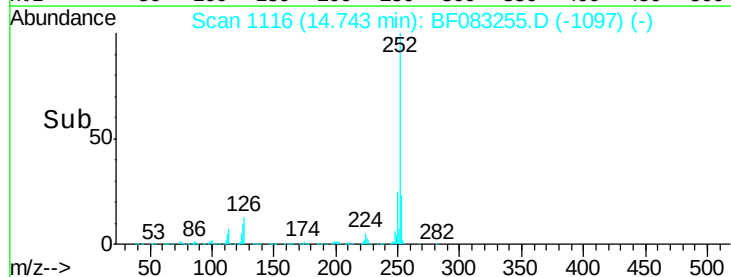
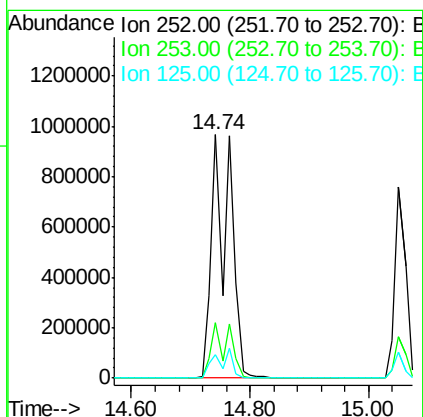
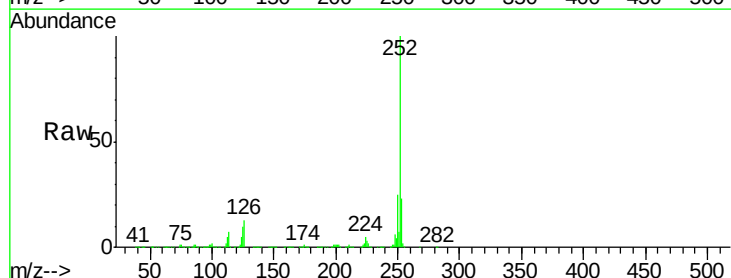
Delta R.T. -0.08 min

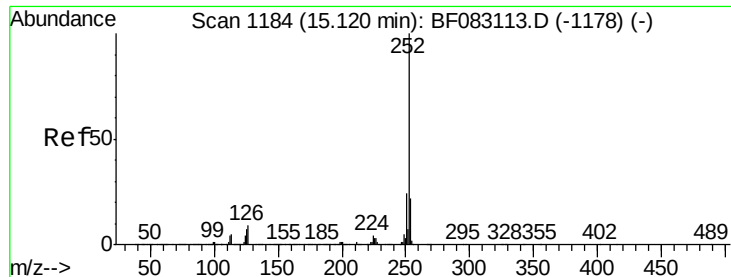
Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Tgt Ion:252 Resp: 2075668

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	9.8	6.8	10.2

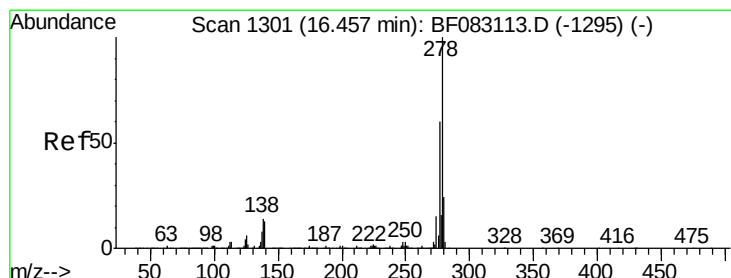
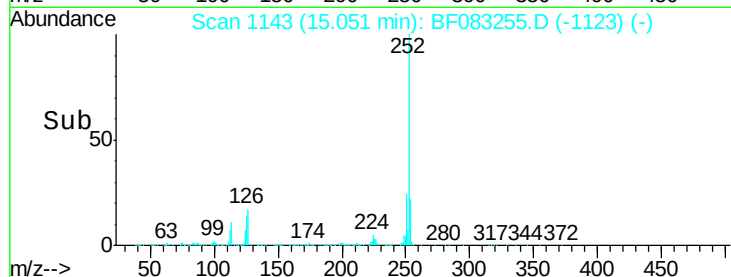
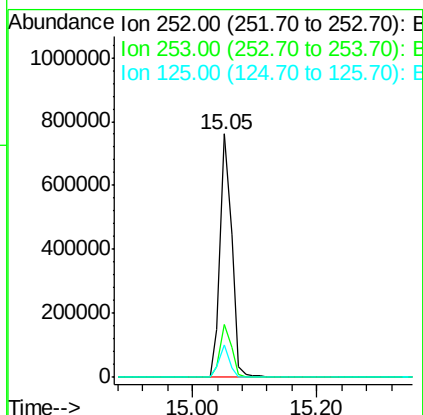
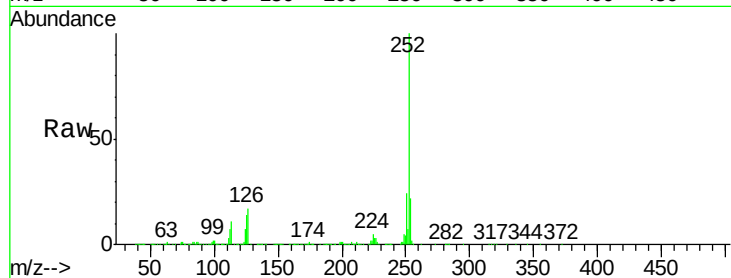




#89
Benzo(a)pyrene
Concen: 42.74 ng
RT: 15.05 min Scan# 1143
Delta R.T. -0.07 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

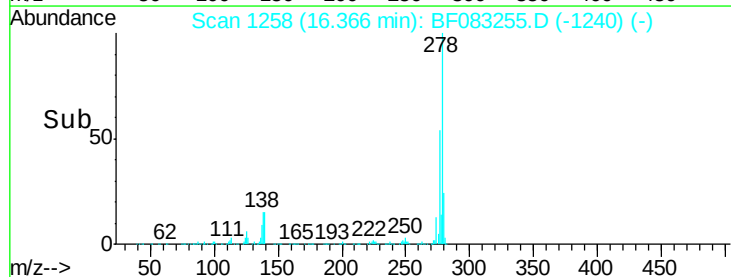
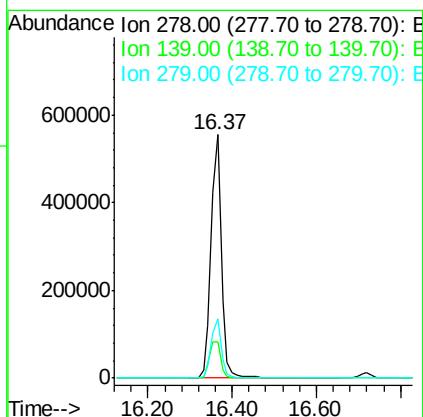
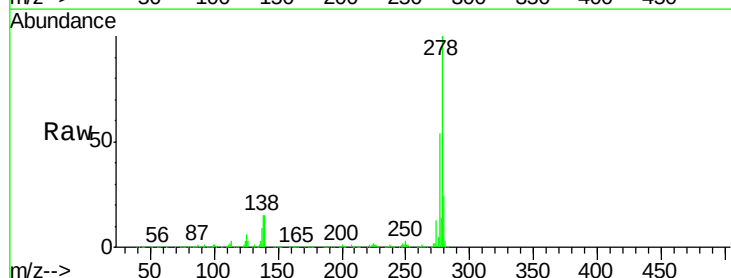
Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

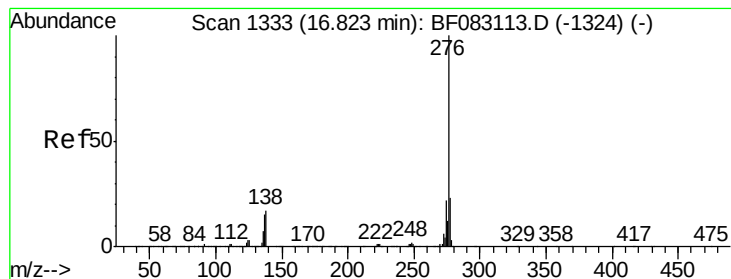
Tgt Ion: 252 Resp: 972947
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 13.6 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 45.95 ng
RT: 16.37 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF083255.D
Acq: 25 Nov 2015 00:07

Tgt Ion: 278 Resp: 950296
Ion Ratio Lower Upper
278 100
139 14.9 10.7 16.1
279 24.2 19.3 28.9





#91

Benzo(g,h,i)perylene

Concen: 47.35 ng

RT: 16.72 min Scan# 1289

Delta R.T. -0.10 min

Lab File: BF083255.D

Acq: 25 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

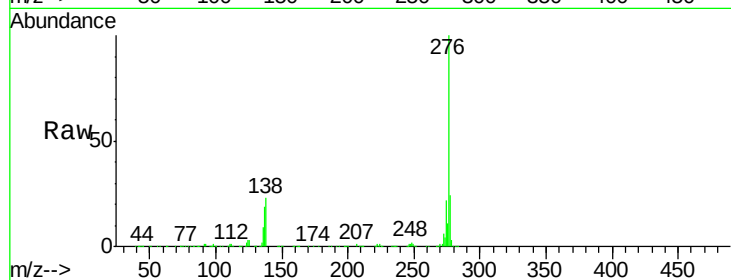
Tgt Ion:276 Resp: 955924

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 22.6 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

